DOE/ID-10437(93)

Air Emission Inventory for the Idaho National Engineering Laboratory— 1993 Emissions Report

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Published June 1994

Prepared for the
Assistant Secretary for Environmental Restoration and Waste Management
U.S. Department of Energy
DOE Idaho Field Office .

ABSTRACT

This report presents the 1993 update of the Air Emission Inventory for the Idaho National Engineering Laboratory (INEL). The purpose of the Air Emission Inventory is to commence the preparation of the permit to operate application for the INEL, as required by the recently promulgated Title V regulations of the Clean Air Act. The report describes the emission inventory process and all of the sources at the INEL and provides emissions estimates for both mobile and stationary sources.

EXECUTIVE SUMMARY

During the fall of 1989, the Air Emission Inventory was initiated at the Idaho National Engineering Laboratory (INEL) as a result of the Environmental Oversight and Monitoring Agreement between the State of Idaho and the Department of Energy Idaho Field Office, and a request from the Idaho Air Quality Bureau. The current purpose of the Air Emission Inventory is to commence preparation of the INEL permit to operate application, as required by the recently promulgated Title V regulations of the Clean Air Act.

The Air Emission Inventory is updated annually to reflect the previous year's emissions, and the current update of Air Emission Inventory data reflects 1993 operations. The Air Emission Inventory System, an ORACLE-based database system, maintains the emissions inventory. The INEL contractors and their associated facilities provide information to the Air Emission Inventory System to reflect annual operations. The annual update of information is utilized to calculate air emissions for the INEL.

The inventory presently maintains approximately 10,500 vents, and of those vents, approximately 650 are possible emission sources. Emission source types range from the conventional fuel combustion and storage sources to nuclear reactor and research facility exhausts. The Air Emission Inventory System uses the U.S. Environmental Protection Agency's *Compilation of Air Pollutant Emission Factors* (AP-42) calculations to estimate emissions for many of the general sources. The air contaminants reported include nitrogen oxides, sulfur oxides, carbon monoxide, volatile organic compounds, lead, particulates, and radionuclides. The summary of emissions at the INEL for 1993 are presented in the table below.

Summary of emissions at the Idaho National Engineering Laboratory for 1993.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.2E+02	4.7E+02	8.7E+02	3.4E+03
Nitrogen oxides	8.17+02	7.0E+02	2.7E+03	1.1E+04
Particulates	3.6E+02	4.1E+02	9.4E+02	2.2E+03
Lead	1.5E-02	4.5E-03	6.7E+01	2.9E+02
Radionuclide[a]	2.2E+02	2.6E+03	1.6E+05	2.4E+04
Sulfur oxides	2.8E+02	2.4E+02	8.6E+02	3.8E+03
VOC - nonmethane	6.7E+02	7.0E+01	8.4E+02	9.1E+02

a. Units in Ci/mo and Ci/yr, respectively.

ACKNOWLEDGMENTS

This year, the Air Emission Inventory Report was the result of the cumulative effort of various people, including Barbara Serna, of EG&G Idaho, Inc., Environmental Support Group, who rewrote and compiled the report, and the contractors at the Idaho National Engineering Laboratory: Argonne National Laboratory West; Babcock & Wilcox Company; EG&G Idaho, Inc.; Westinghouse Electric Corporation; and Westinghouse Idaho Nuclear Company, Inc.

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ACRONYMS

A1W	NRF Large Ship Reactor
AFSR	Argonne Fast Source Reactor
ANL-W	Argonne National Laboratory - West
AP-42	EPA Compilation of Air Pollutant Emission Factors
ARA	Auxiliary Reactor Area
BER	basic emission rate
BORAX	Boiling Water Reactor Experiment
Btu	British thermal unit
CFA	Central Facilities Area
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CFSGF	Coal-Fired Steam-Generating Facility
Ci	Curie
DOE	Department of Energy
DOE-ID	Department of Energy Idaho Field Office
EB	East Butte
EBR-I	Experimental Breeder Reactor I
EBR-II	Experimental Breeder Reactor II
ECF	NRF Expended Core Facility
EPA	Environmental Protection Agency
ER	emission rate
FAST	Fluorinel Dissolution Process and Fuel Storage
FCF	Fuel Cycle Facility
FMF	Fuel Manufacturing Facility
HEPA	high-efficiency particulate air
HFEF	Hot Fuel Examination Facility
HPTF	Howe Peak Transformer Facility
ICPP	Idaho Chemical Processing Plant
IET	Initial Engine Test
IFR	Integral Fast Reactor
INEL	Idaho National Engineering Laboratory
kW	kilowatt
LOFT	Loss of Fluid Test
MDF	Material Development Facility
mph	miles per hour
MW	megawatt
MWSF	Mixed Waste Storage Facility
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NOAA	National Oceanic and Atmospheric Administration
NRF	Naval Reactor Facility
NWCF	New Waste Calcining Facility
PBF	Power Burst Facility
PCB	polychlorinated biphenyl
PER	Power Excursion Reactor
PSD	prevention of significant deterioration (State of Idaho air quality permit)
RCRA	Resource Conservation and Recovery Act
RESL	Radiological and Environmental Sciences Laboratory
RWMC	Radioactive Waste Management Complex

S1W	NRF Submarine Thermal Reactor
S5G	NRF Natural Circulation Reactor
SCF	speed correction factor
SDA	Subsurface Disposal Area
SMC	Specific Manufacturing Capability
SPERT	Special Power Excursion Reactor Test
STF	Security Training Facility
TAN	Test Area North
TRA	Test Reactor Area
TREAT	Transient Reactor Test Facility
TSA	Transuranic Storage Area
TSF	Technical Support Facility
VOC	volatile organic compound
WEDF	Waste Engineering Development Facility
WERF	Waste Experimental Reduction Facility
WMF	Waste Management Facility
WMO	Waste Management Office
WRRTF	Water Reactor Research Test Facility
ZPPR	Zero Power Physics Reactor

1. INTRODUCTION

This report presents 1993 emissions data for operations at the Idaho National Engineering Laboratory (INEL). Emissions data are compiled into the Air Emission Inventory, which will provide the basis for the preparation of the INEL permit to operate (PTO) application as required by the recently promulgated Title V regulations of the Clean Air Act. The document describes the emission inventory process and all of the sources at the INEL and provides emissions estimates for both mobile and stationary sources.

The INEL is an 890-mile^2 research facility managed by the U.S. Department of Energy (DOE) and contains approximately 600 buildings and 500 other structures. The size and complexity of the INEL required the development of the Air Emission Inventory System, an ORACLE-based database system that maintains the emissions inventory. The 1993 Air Emission Inventory Report includes the following areas at the INEL (see Figure 1-1).

- Advanced Reactor Area (ARA)
- Argonne National Laboratory-West (ANL-W)
- Central Facilities Area (CFA)
- Idaho Chemical Processing Plant (ICPP)
- Naval Reactor Facility (NRF)
- Power Burst Facility (PBF)
- Radioactive Waste Management Complex (RWMC)
- Test Area North (TAN)
- Test Reactor Area (TRA)
- Block areas
- Miscellaneous areas (Howe Peak Transformer Facility and INEL roads)
- Mobile sources.

The inventory presently maintains approximately 10,500 vents, and of those vents, approximately 650 are possible emission sources. Emission sources range from conventional fuel combustion and storage sources to nuclear reactor and research facility exhausts. The air contaminants reported include nitrogen oxides, sulfur oxides, carbon monoxide, volatile organic compounds (VOCs), lead, particulates, and radionuclides. The Air Emission Inventory System utilizes the United States Environmental Protection Agency's (EPA's) *Compilation of Air Pollutant Emission Factors* (AP-42) calculations to estimate emissions for many of the general sources.

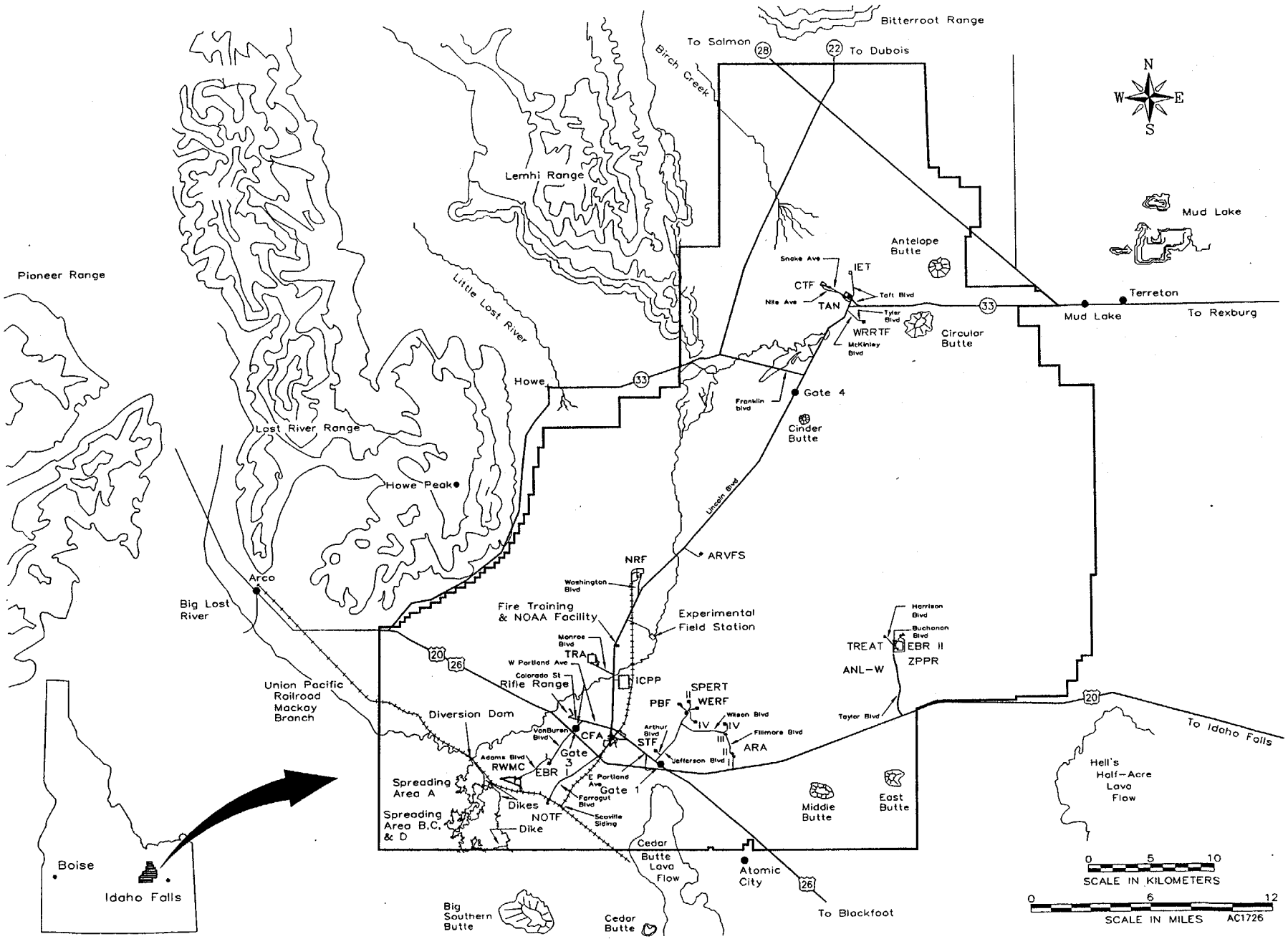

Figure 1-1. Map of the INEL Site facilities.

2. AIR EMISSION INVENTORY PROCESS

The first step in the development of the initial Air Emission Inventory was to determine the scope of the inventory and the procedures to be used. In order to evaluate all of the potential sources of air contamination at the INEL, every vent was inventoried. To proceed in an orderly manner and to ensure data comprehensiveness, the inventory process was divided into three phases: I, II, and III. Any new or upgraded structures, vents, and sources are inventoried.

The collected data from each phase of the inventory process were compiled and managed on an ORACLE-based data management system. Since the initial 1989 inventory process, the Air Emission Inventory System has been redesigned to reflect a production database system. The new Air Emission Inventory System has been incorporated into an INEL-wide effluent inventory: the INEL Effluent Inventory System.

2.1 Air Emission Inventory Phase I

Phase I determined potential emission points, and a preliminary classification eliminated those vents that were not potential air pollution sources.

2.1.1 Acquisition of Existing Data

For the initial Air Emission Inventory, all previous air emission inventories were evaluated to determine the usefulness of the compiled data. Data used from an existing inventory were checked for accuracy by comparing the data collected during the Phase I inventory.

2.1.2 Vent Inventory

Standardized forms were developed to collect and organize the data (see Phase I Forms, Appendix A). The building source form (Form 1) recorded survey team members' names, building contact's name, source number, description and location, and any other information available for the source. This form was filled out for any vent that was a potential air pollution source. The building summary form (Form 2) listed and briefly described all vents on a building, even those not listed as potential sources of air pollution.

2.1.3 Vent Classification

A vent was considered a source if the vent had the potential to exhaust any criteria pollutants (carbon monoxide, sulfur dioxide, nitrogen oxides, particulates, lead, and volatile organic compounds), noncriteria pollutants (asbestos, beryllium, mercury, vinyl chloride, radionuclides, fluorides, sulfuric acid mist, hydrogen sulfide, and reduced sulfur compounds), or toxic air pollutants listed in Tables V-A, V-B, and V-C of the draft State of Idaho Guidance Manual for Obtaining a Permit to Construct, Modify or Operate an Air Pollution Source.

Vents that were considered sources included those associated with combustion processes; radiological processes (or vents on radiologically contaminated equipment); chemical process exhausts; storage tank vents; fume hood exhausts; and area sources such as waste piles, evaporation ponds, and lagoons. If a vent was considered a potential source of air pollutants, it became part of the Phase II inventory.

2.1.4 Existing Permits

The final step in the Phase I inventory gathered all existing Idaho Air Quality Bureau permits and permit applications. Data from the existing permits were incorporated into the Phase II portion of the inventory.

2.2 Air Emission Inventory Phase II

Phase II of the inventory included collecting detailed data for those sources identified as potential sources of air contamination. Phase II resolved vents identified as unknown in Phase I. Data collected include operating and engineering parameters necessary for emission calculations, physical location, process descriptions with flow diagrams if necessary and available, and any previously permitted or otherwise documented information concerning potential emissions.

The first step of Phase II organized the preliminary information for a given area and corresponding structures. The material included available drawings, data forms, permit applications, and other existing data. Any additional information required to estimate emissions was also collected and included engineering drawings and safety analysis reports, contacting equipment manufacturers, and interviewing shift supervisors, operators, and area landlords.

After all of the pertainent information was collected, the status of any unknown and out-of-service vents was determined. All unknowns were identified during this phase and changed to either a vent with no emissions or a potential source. Many potential sources were not emitting anything at the time of the 1993 inventory, and many of these inactive vents were permanently out of service. Others were only temporarily inactive or only required a little service to bring them back online at any given time. Figure 2-1 is a flow diagram of the decision process used to determine the status of unknown vents and whether any estimates need to be made concerning their emissions or potential emissions.

The data were compiled on a set of inventory forms (see Phase II Forms, Appendix A). The Phase II inventory comprised 16 different data forms, but not all were needed for each source. The Phase II forms were organized into several levels, where each level was divided into increasingly more detailed degrees of data to be collected. Figure 2-2 is a flow chart diagramming the use of Phase II forms.

Level 1 forms were required for every potential source. These forms described the process stack and provided a gross evaluation of the source type. The source type section of the form identifies the appropriate Level 2 form. A Level 2 form is completed depending on the source type. Level 2 forms are supplied for chemical sources, fuel burning equipment, volatile organic liquid storage, and inorganic chemical storage. The Level 2 forms are used to gather source-specific information required for emission estimates. A check box is provided to indicate which Level 3 forms are required.

Level 3 forms compiled information on the chemicals, fuel, and materials used in specific sources. Level 4 is the final tier in the Phase II inventory form classification. This level was used to record information on pollution control equipment, pollution monitoring equipment, and additional information applicable to fume or laboratory hoods and paint booths.

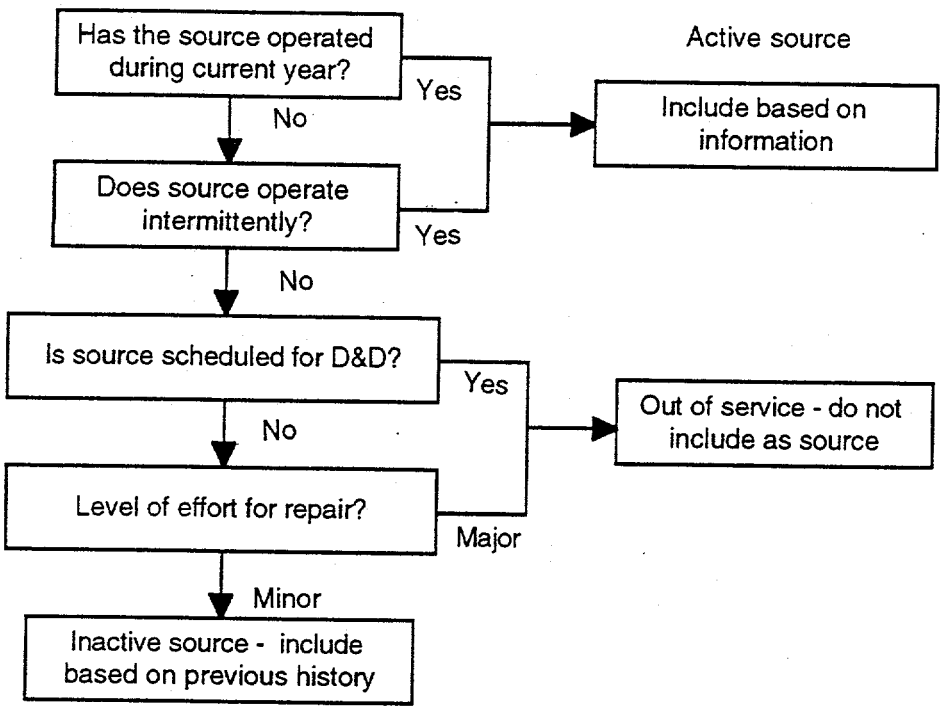

Figure 2-1. Source classification decision path.

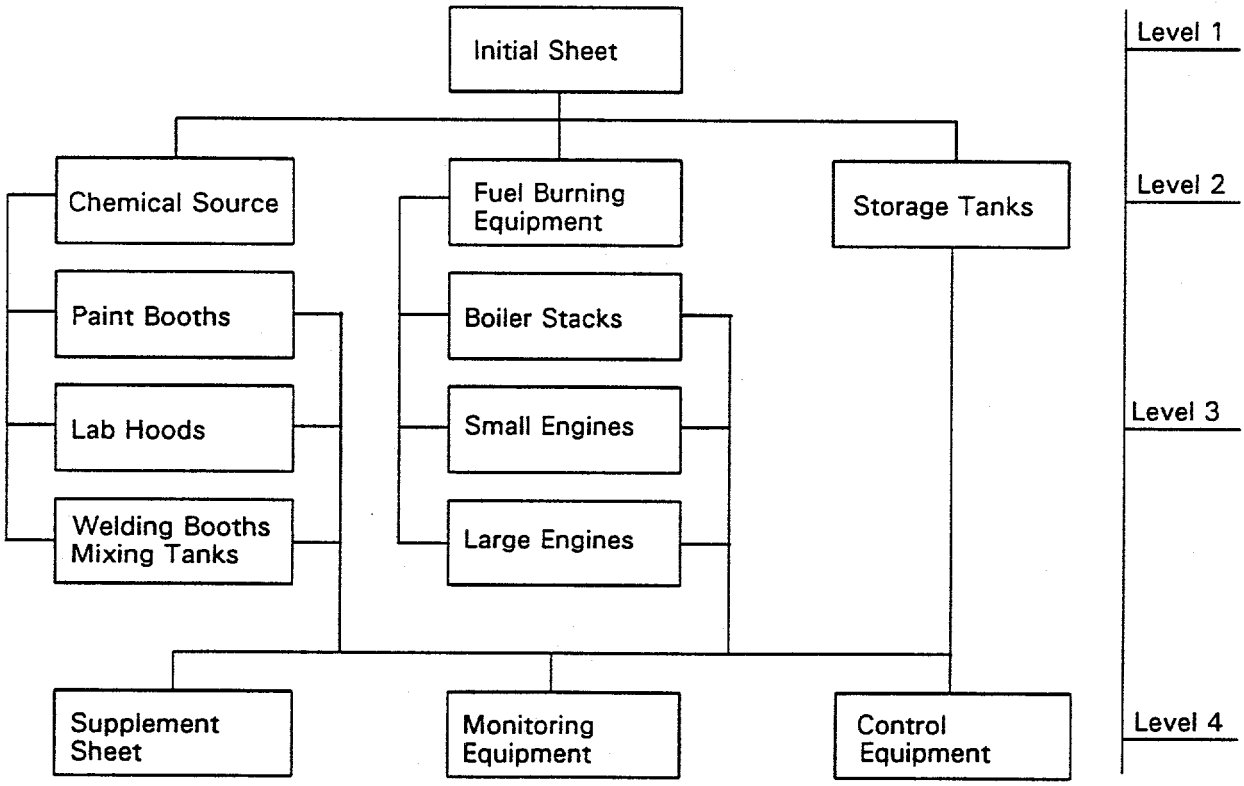

Figure 2-2. Phase II inventory forms hierachy.

Not all sources could be standardized on these forms and were handled on a case-by-case basis using generic data forms. The generic forms recorded sources whose emissions had to be calculated by hand or were of such an unusual nature that the standardized forms are not applicable.

2.3 Air Emission Inventory Phase III

Phase III utilized the data gathered during Phases I and II to estimate the emissions of air pollutants from the INEL. The development of Phase III included calculating emissions from the following sources:

- Industrial engines
- Fugitive
- Laboratory fumehood
- Organic storage tanks
- Main stacks
- Paved/unpaved roads
- Boilers
- Radionuclide
- Painting operations
- Welding operations
- Vehicles
- Miscellaneous/generic.

The calculations for the above sources involve EPA acceptable methods per Volumes I and II of AP-42 and used several assumptions for each source. The calculations are presented in detail in the following chapter and sections. Section 5 provides descriptions of the various calculations used to estimate the emissions from the INEL sources.

2.4 Air Emission Inventory Annual Update

The INEL contractors and their associated facilities are required to provide information into the Air Emission Inventory System to reflect annual operations. The update process involves the updating of the inventory information to reflect 1993 operations and includes the emissions data and area descriptions. Each INEL contractor provides a coordinator for each operating area. The data to be updated is provided to each responsible coordinator and in turn provided by area coordinators to the appropriate personnel. The data are provided via update forms that are generated by the database. Each form details all the information pertinent to each source.

The contractors are encouraged to verify approximately 10% of the Air Emission Inventory data. Each area coordinator provides updated information to the Air Emission Inventory Coordinator. The Air Emission Inventory Coordinator compiles and reviews all data and provides the updated data to the Air Emission Inventory System Administrator for data entry. The purpose of the annual update is to esimate the emissions for the previous calender year. After the updated information is input, the applicable emission calculations are performed. All calculations performed during the update process follow the guidelines and assumptions as presented in the initial Air Emission Inventory report (DOE-ID 1991). Any additional assumptions or guidelines are provided.

The data update process includes deleting sources, adding sources, process changes for sources, recalculating emissions, and adding data to reflect actual operations. If a new vent, stack, source, or building has been added since the last survey, Phase I and Phase II forms are used to report the information. If a source appears in a phase but does not appear in any subsequent phase and now requires a subsequent phase analysis, the appropriate forms are used.

3. 1993 AREA UPDATE

The 1993 update incorporates 1993 operations to the Air Emission Inventory and comprises removing sources, adding sources, correcting source information, updating source information, and estimating emissions. The results of the update effort are presented for each INEL area.

The INEL has eight principal, functional areas where the bulk of all activities occur. These areas comprise

- ANL-W
- CFA
- ICPP
- NRF
- PBF
- RWMC
- TAN
- TRA.

In addition, various secondary emission sources are scattered around and near the INEL site, identified in the inventory as the block areas. Nonfunctioning areas at the INEL include ARA, the Boiling Water Reactor Experiment (BORAX), and the Experimental Breeder Reactor I/Waste Management Office (EBR-I/WMO).

Each of the areas are described in this report as follows:

- Area description: This section briefly describes the role and function of each area, discusses major programs, and includes an area plot plan. Information was obtained from facility personnel and DOE-ID (1993).

- Primary sources: Primary sources of emissions for each area include main stacks, operational reactors, and large boilers. The information presents a functional description of each source and a brief qualitative description of emission types.

- Secondary sources: Secondary sources of emissions include fumehoods, small fuel burning equipment, and miscellaneous sources not considered primary sources.

- Summary of area-wide emissions: A total for pollutant emissions for each individual area are presented in a table. The information includes the area, the pollutant, the actual hourly rates, and the actual annual quantities with their respective units.

  Appendix B presents the emission summaries for each area and is organized by pollutant, showing area, calculational method, and the emissions for each source per each area.

- Area plot plans are provided for each area and for some facilities.

3.1 Argonne National Laboratory-West

3.1.1 Area Description

ANL-W is a laboratory facility associated with the INEL and operated by the University of Chicago for the DOE Chicago Field Office. ANL-W is located near the south east corner of the INEL, about three miles north of U.S. Highway 20. ANL-W is devoted to addressing a broad range of issues in liquid metal reactor development as well as research in the fuel cycle for these reactors.

The present primary experimental facilities are

- Experimental Breeder Reactor II (EBR-II)
- Transient Reactor Test Facility (TREAT)
- Zero Power Physics Reactor (ZPPR)
- Hot Fuel Examination Facility (HFEF) (formerly HFEF North)
- Fuel Cycle Facility (FCF) (formerly HFEF South)
- Fuel Manufacturing Facility (FMF)
- Laboratory and Office Building

These facilities are well maintained and are projected to have useful lives of at least fifteen more years. Figure 3-1 presents an area plot plan of ANL-W.

3.1.2 Primary Source Descriptions

3.1.2.1 EBR-II. The EBR-II complex consists primarily of the EBR-II reactor building (ANL-767) and the power plant (ANL-768). EBR-II consists of an unmoderated, sodium-cooled reactor with a thermal power rating of 62.5-megawatt (MW), an intermediate closed loop of secondary sodium, and a steam plant that produces 19 MW of electrical power through a conventional turbine generator. The reactor is primarily used at present for irradiation testing of potential fuels for larger breeder reactors.

The reactor building is vented to the main stack (ANL-764). Reactor offgases are high-efficiency particulate air (HEPA) filtered and continuously monitored, the principal emissions being noble gases, bromine-82, and tritium (tritium is not continuously monitored.)

The power plant involves a number of support operations for the reactor, but the primary emission sources are the four industrial boilers. Boiler 1 is the primary boiler, and Boiler 2 is online approximately 20% of the time. Boilers 3 and 4 are 100% backup to Boilers 1 and 2 and run less than 1% of the time. Other sources include emergency diesel generators, fuel tanks, mix tanks for water treatment, and health physics lab hoods for decontamination of small items such as hand tools.

3.1.2.2 TREAT. The TREAT reactor (ANL-720) is a uranium-oxide-fueled, graphite-moderated, and air-cooled reactor designed to produce short, intense bursts of nuclear energy for the purpose of simulating accident conditions on test specimens in the reactor core. TREAT vents through the main stack, identified in the inventory as ANL-720-007. The offgas is HEPA filtered and continuously monitored. Present monitors are for gamma radiation only. Principal emissions include noble gases and Ba-La-140. Two diesel generators and associated fuel tanks are also located at ANL-720.

3.1.2.3 HFEF. HFEF, formerly HFEF North (ANL-785), is designed for examination of irradiated fuel specimens from experiments conducted in the liquid metal program and houses a semi-automated hot-cell facility with an argon-atmosphere cell designed to handle and examine large experiments containing sodium and plutonium. HFEF also houses a neutron-radiography facility, a diesel generator, and an associated fuel tank.

HFEF vents all the labs and the hot cells through a single stack: ANL-785-018. The gas stream from the lab area is HEPA filtered independently of the hot-cell gas stream, which also has a set of HEPA filters, and both streams combine at the stack. The emissions are continuously monitored for radionuclides, which are primarily noble gases. Some acids and some organics are also vented from the labs at this stack.

3.1.2.4 FCF. Formerly HFEF South and originally the fuel cycle facility for EBR-II, FCF (ANL-765) is the older of the two fuel examination facilities. At present, FCF is being modified and equipped to demonstrate the Integral Fast Reactor (IFR) fuel cycle technology.

FCF is vented out of the main stack (ANL-764) along with the EBR-II reactor building. Gas streams are HEPA filtered and continuously monitored. Emissions include noble gases and tritium. FCF also houses an emergency diesel generator and associated fuel tank.

3.1.2.5 ZPPR. The ZPPR reactor complex includes the ZPPR reactor building (ANL-776), the ZPPR Support Wing (ANL-774), which houses the Argonne Fast Source Reactor (AFSR), the ZPPR Equipment Room (ANL-777), the ZPPR Vault/Workroom Equipment Room (ANL-775), the ZPPR Materials Control Building (ANL-784), and the ZPPR Mockup Building (ANL-792). The ZPPR reactor is designed for experiments that are most easily performed and studied under low-power conditions. AFSR is a small reactor that serves as a neutron source for calibrating nuclear instruments and developing experimental equipment, primarily for ZPPR. AFSR is air cooled and has a maximum power level of 1 kW. The Materials Control Building is for storage of nonfissile material plates for reactor mockups. The ZPPR equipment room houses the filters, ventilation, and air conditioning equipment for the ZPPR mound area. The ZPPR Mockup building is used for storage and mockup and testing of experimental equipment.

The primary point of emissions from the ZPPR reactor complex is the main stack, identified in the inventory as ANL-777-002. The air from the inactive reactor cell enters ANL-775, where it is HEPA filtered along with the ventilation air from ANL-775. This gas stream then vents to the main stack. This stack is continuously monitored, and emissions include noble gases and unidentified beta-gamma emitters.

The AFSR cooling air vents at source ANL-774-025 (which is presently inactive), and the AFSR room vents at ANL-774-008. ANL-774-025 is HEPA filtered and monitored for gamma radiation when operating. Under normal operations, these sources produce no emissions.

ANL-W maintains diesel generators, fuel tanks, and a few miscellaneous fumehoods associated with the ZPPR complex.

3.1.2.6 FMF. FMF (ANL-704) is located near the ZPPR complex. It is a high-security facility that fabricates fuel assemblies for the EBR-II reactor. EBR-II driver and experimental fuel pins, elements, and subassemblies are manufactured, inspected, and stored at FMF. The building is also equipped for the receipt and storage of fuel feedstock.

All parts of the building are maintained at negative pressure, and air flows from areas of least likelihood of contamination to areas of the greatest likelihood. Hoods, gloveboxes, and room vents all discharge to a single stack, identified as ANL-704-008. Emissions include alpha, beta, and gamma radiation, as well as small amounts of ethanol and acetone. An emergency diesel generator and small fuel tank are also located at FMF.

3.1.3 Secondary Sources

Secondary sources comprise sources that are not considered primary sources and include potential sources with little or no emissions; sources with relatively insignificant emissions; and sources with emissions that may be comparable to some sources associated with primary sources/programs but function only in support of the primary activities at this facility (such as the main cooling tower for EBR-II). Secondary sources at ANL-W include lab fumehoods, paint spray booths, welding booths, cooling towers, a blueprint machine, several multi-source large stacks, miscellaneous small radioactive sources, diesel engines, small furnaces and heaters, inorganic storage tanks, and organic storage tanks.

The large stacks typically operate 24 hours per day, 7 days per week, 52 weeks per year. Fumehood blowers may only operate while hoods are in use. Furnaces and heaters generally only operate eight months out of the year. Diesel engines typically operate on a routine preventative maintenance schedule of 0.5 hours per week, 52 weeks per year.

3.1.4 Summary of ANL-W Emissions

Table 3-1 is a summary of the totals of each of the principal pollutants.

Table 3-1. Summary of principal pollutants at ANL-W.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	1.482E+01	1.400E+00	3.2E+01	1.4E+02
Nitrogen oxides	6.467E+01	5.673E+00	1.4E+02	6.1E+02
Particulate	1.085E+01	2.536E+01	2.4E+01	1.0E+02
Lead	6.858E-04	3.156E-04	8.8E-04	3.8E-03
Radionuclides[a]	9.150E+01	1.101E+03	2.5E+02	1.8E+03
Sulfur oxides	4.297E+01	1.815E+01	5.9E+01	2.6E+02
VOC - nonmethane	5.957E+01	4.147E+01	7.7E+01	5.4E+01

a. Units in Ci/mo and Ci/yr, respectively.

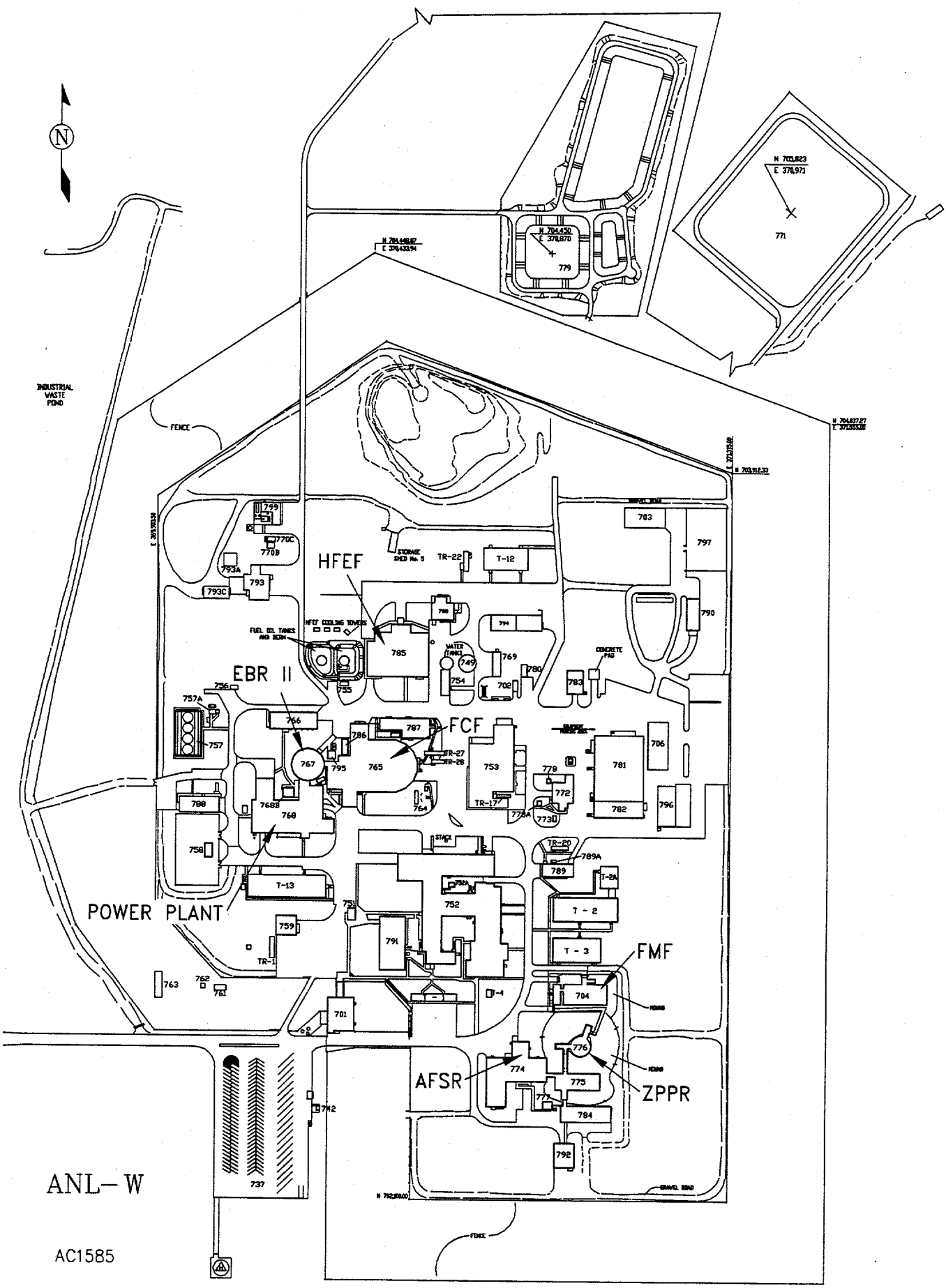

Figure 3-1. Area plot plan of Argonne National Laboratory-West.

3.2 Block Areas

3.2.1 Area Descriptions

For administrative purposes, the INEL has been divided into a grid system, and each area is identified as a block and assigned a unique number. Many of these block areas have within them buildings or facilities that are not specifically assigned to one of the main INEL areas. These include the following:

- Howe Peak Transformer Station (HPTF)
- Security Firing Range, Block 21 (B21)
- Fire Station 2 and the Experimental Dairy Farm, Block 16 (B16)
- Main Guard Gate, Block 27 (B27)
- Security Training Facility (STF)
- North Guard Gate, Block 8 (B08)
- East Butte (EB)

Figure 3-2 presents a map of the INEL and surrounding area showing the location of the above facilities.

HPTF is part of the INEL radio network and is located near the summit of Howe Peak, due west of the INEL. The facility consists of a few small buildings, radio antennas, and an emergency propane generator. This generator is the only source of emissions. The facility is unoccupied, though maintenance personnel make regular trips for preventative maintenance.

The Security Firing Range consists of an outdoor firing range, an indoor firing range, and administrative and support buildings. Emission points include the exhaust system for the indoor range, and an exhaust hood over three solvent sinks used for cleaning guns. This facility is occupied regularly.

Fire Station 2 consists of a few buildings and an outdoor fire training facility, including a tower and several fire pits. The buildings are presently occupied on a part-time basis by the National Oceanic and Atmospheric Administration (NOAA). The only sources in the buildings are the two oil burning furnaces that vent from a single stack and the fuel oil tank that supplies these furnaces. The fire training facilities consist of several concrete pits where oil is poured in and ignited. After training activities, the water and residual oil drains to a small evaporation pond. Emission estimates for these facilities consider all of the fire training components as a single source. The dairy farm is presently unoccupied, and there are no known emissions from those buildings.

The Main Guard Gate is located on E. Portland Avenue between CFA and U.S. Highways 20 and 26. The only source is the emergency diesel generator that resides in the generator building. This facility is always occupied, and the generator runs primarily on a preventive maintenance schedule.

The STF, formerly Experimental Organic Cooled Reactor and Organic Moderated Reactor Experiment, is located west of Jefferson Avenue, which runs northeast from E. Portland Avenue just north of the main guard gate, to the PBF area. This area was a reactor facility at one time and has been turned over for security training and mock procedures. The only source at STF is a solvent sink used for gun cleaning purposes. STF is no longer occupied and is presently slated for decontamination and decomissioning.

The North Guard Gate is on Lincoln Boulevard, just before it turns into U.S. Highway 33, between CFA and TAN. This is a small facility that consists of a single guard station in the middle of the road and a small emergency generator building, which houses the only source. This guard gate is typically only occupied by one or two security personnel.

East Butte is one of two natural volcanic buttes that are present in the southeast corner of the INEL, south of U.S. Highway 20. The top of the butte has been subdivided into several lots, most with a transmitter station. These stations include transmitters for local television and radio stations, Idaho State University, the Bureau of Land Management, Utah Power and Light, the State of Idaho, and others. The INEL has a small transmitter as well, consisting of a small trailer and a single tower. Many of the buildings house emergency diesel generators for their respective transmission towers, but the INEL transistor area does not. Consequently, these sources are not included in the inventory since they are not INEL property nor property of any INEL contractor. The only fully occupied operation on East Butte belongs to KIDK television station, based in Idaho Falls, who takes much of the responsibility for the maintenance of the East Butte facilities.

3.2.2 Primary Sources

All primary sources in any of the block areas are associated with one of the main areas and are discussed in the appropriate area discussion.

3.2.3 Secondary Sources

All sources in the block areas are considered to be secondary sources. Most are fuel burning equipment with associated fuel tanks, but there are a few chemical sources as well. There are no sources of radiation in any of the block areas. The secondary sources include two solvent sinks, lead and particulate from the firing range, a furnace/heater, an emergency generator, organic storage tanks, and an evaporation/fire pit.

3.2.4 Summary of Block Area Emissions

Table 3-2 is a summary of the totals for each of the principal pollutants.

Table 3-2. Summary of principal pollutants at block areas.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.33E+00	3.00E-02	1.20E+01	5.14E+01
Nitrogen oxides	3.71E+00	3.05E-02	1.46E+01	6.41E+01
Particulate	4.81E-01	5.78E-03	1.23E+01	6.46E+00
Lead	2.00E-06	3.00E-06	2.00E-06	1.10E-05
Sulfur oxides	1.19E+00	5.38E-03	3.43E+01	1.64E+01
VOC - nonmethane	1.66E+00	1.02E+00	1.55E+01	7.95E+00

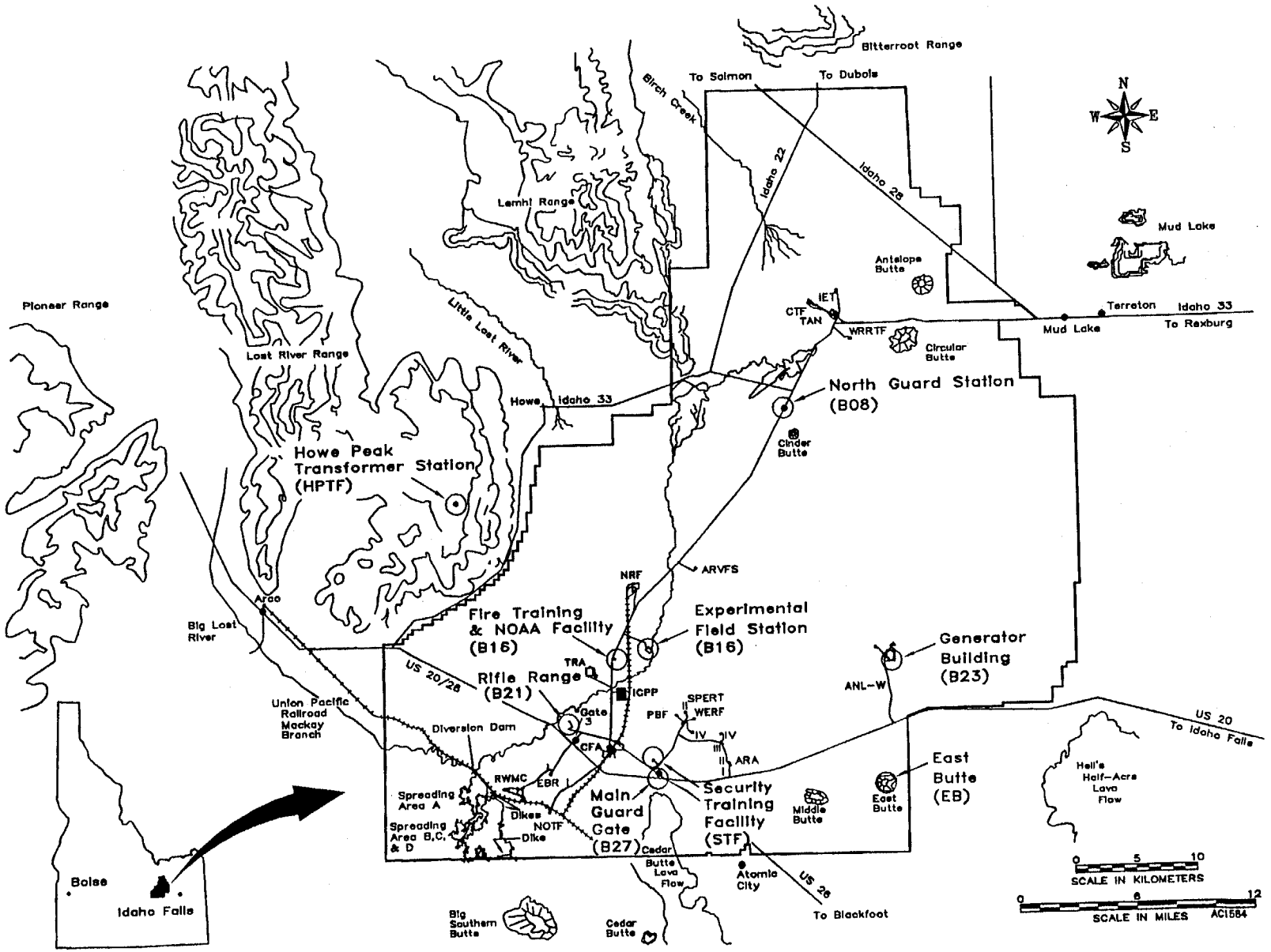

Figure 3-2. Map of block areas.

3.3 Central Facilities Area

3.3.1 Area Description

CFA is located in the southern part of the INEL, roughly 2.5 miles north of U.S. Highways 20 and 26, and maintains a population of approximately 1,400 employees. The original facilities at CFA were constructed in during 1940 through 1950 and were used to house Naval Gunnery Range personnel and later National Reactor Testing Station personnel. The facilities have since been modified to fit the changing needs of the INEL and now provide four primary types of functional space: craft, office, service, and laboratory.

The craft areas consist primarily of the four new multicraft shops as well as warehouses for craft materials storage. Activities include painting, welding, carpentry, machining, and other related crafts needed for support of the INEL.

Office space is provided for all administrative, scientific, and engineering personnel, particularly those associated with the many labs and service groups. Services at CFA are provided for the support of the INEL and include bus and vehicle maintenance, equipment mechanics, equipment operation, radio and alarm shops, telecommunication facilities, cafeterias, service stations, fuel distribution, facility maintenance, instrument calibration, and training. Laundry and respirator decontamination were discontinued in June 1993.

Laboratories are located in CFA-612, the Environmental Chemistry labs in CFA-625 and -633, the Radiological and Environmental Sciences Laboratories (RESL) in CFA-690, and the Technical Center and High Bay at CFA-686, -688, and -689. These labs are chemistry and engineering labs used for both research and analysis.

Figure 3-3 presents an area plot plan of CFA, highlighting a few of the primary facilities. Figure 3-4 presents a detail of the shaded area in Figure 3-3.

3.3.2 Primary Sources

Because of the administrative and support nature of the work performed at CFA, few sources of emissions of the same order of magnitude are found elsewhere at the site. The more significant emission sources at CFA are the many large boilers used to produce steam for most of the buildings. Large boilers are located in the following buildings:

- CFA-650 - one boiler
- CFA-662 - one full-time boiler, and one backup
- CFA-665 - one large full-time boiler
- CFA-671 - two large boilers
- CFA-688 - one large boiler.

Smaller boilers are located in the following areas:

- CFA-608 - one boiler
- CFA-609 - one boiler
- CFA-613 - one boiler
- CFA-668 - one boiler.

All boilers at CFA burn No. 2 fuel oil, and most have a propane ignition. Most boilers provide space heating only and typically do not operate during the summer months.

The Environmental Chemistry Labs at CFA-625 are divided into two areas, each with a different function. One area is responsible for all radiologically contaminated samples, and the hoods on that half of the building vent to a single stack with a HEPA filter.

The RESL is a DOE facility that provides several support functions. There are several analytical laboratories and a few environmental laboratories. The laboratories that perform the radioisotope analysis of soil and organic samples produce virtually all of the emissions at CFA. These labs have two or three hoods that vent to large stainless steel stacks on the roof. Most stacks vent two hoods. The primary emissions from RESL are acids that are used to digest the samples and then are boiled away as part of the analytical procedure. The majority of fumehoods are currently inactive. All radiological releases are below normal background levels.

Numerous fuel storage tanks contribute significantly to the VOC emissions, but the biggest sources are the tanks at the tank farm (CFA-754) and the large fuel oil tank behind the Technical Center (CFA-708). The tank farm tanks contain No. 2 fuel oil, diesel and diesel blends, and gasoline. All are very large, aboveground, vertical tanks that dispense fuel to various tanks around the site.

The CFA landfill is estimated to be a primary source of particulate. The CFA landfill services all of the INEL, disposing only industrial and commercial wastes and asbestos in proper containers. During 1993, the INEL Landfill Complex relocated disposal activities from the CFA Landfill III Extension to the area associated with the bulky waste pit. Dirt moving activities, soil piles, and vehicle travel at the landfill are estimated to contribute a significant quantity of particulate to the atmosphere.

3.3.3 Secondary Sources

The secondary sources at CFA constitute the bulk of all sources at the facility. The boilers have been considered as primary sources, as have all the radiation sources. Some of the fumehoods at CFA-690 (RESL) would individually be considered as secondary sources, but since the RESL facility is considered to be a primary source, the primary and secondary sources are not differentiated in this discussion. A single health physics hood in the calibration laboratory at CFA-633 is the only secondary potential source of radiation.

Secondary sources at CFA include several fumehoods, two paint booths, several welding booths, emergency engines, heaters/furnaces, and numerous organic storage tanks. Most of the tanks, all the engines, most of the fumehoods, and all of the small heaters and furnaces have been considered as secondary sources.

3.3.4 Summary of CFA Emissions

Table 3-3 is a summary of the totals for each of the principal pollutants.

Table 3-3. Summary of the totals for each of the principal pollutants at CFA.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	4.381E+00	9.518E-01	1.2E+01	5.4E+01
Nitrogen oxides	1.995E+01	3.870E+00	5.6E+01	2.4E+02
Particulate	3.287E+01	1.057E+02	8.4E+01	2.3E+02
Lead	1.043E-02	3.209E-04	1.8E-02	7.6E-03
Radionuclides[a]	2.199E-07	1.545E-06	9.4E-04	1.1E-02
Sulfur oxides	8.091E+00	1.280E+01	3.5E+01	1.5E+02
VOC - nonmethane	2.296E+02	1.607E+01	2.3E+02	1.1E+01

a. Units in Ci/mo and Ci/yr, respectively.

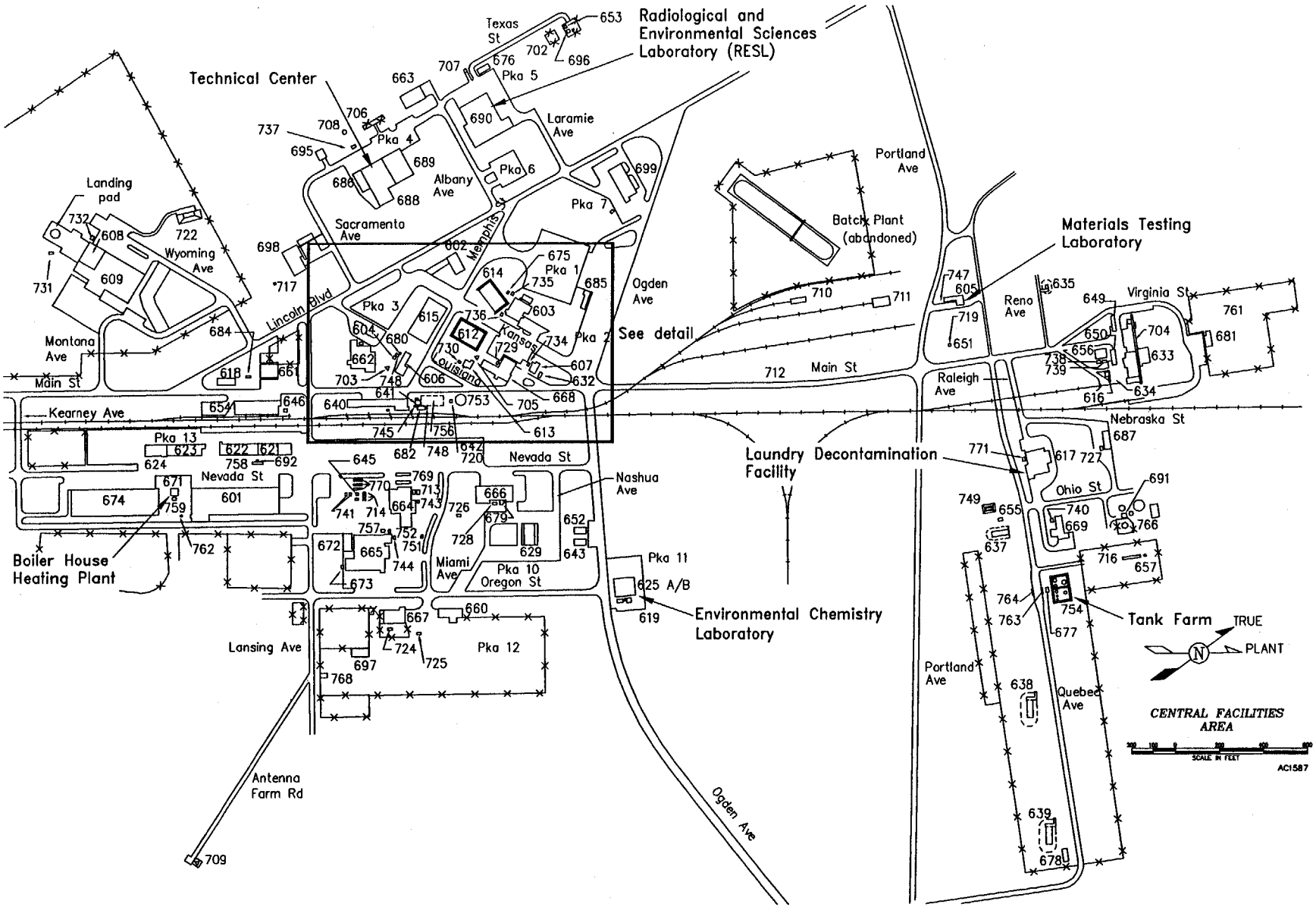

Figure 3-3. Area plot plan of the Central Facilities Area.

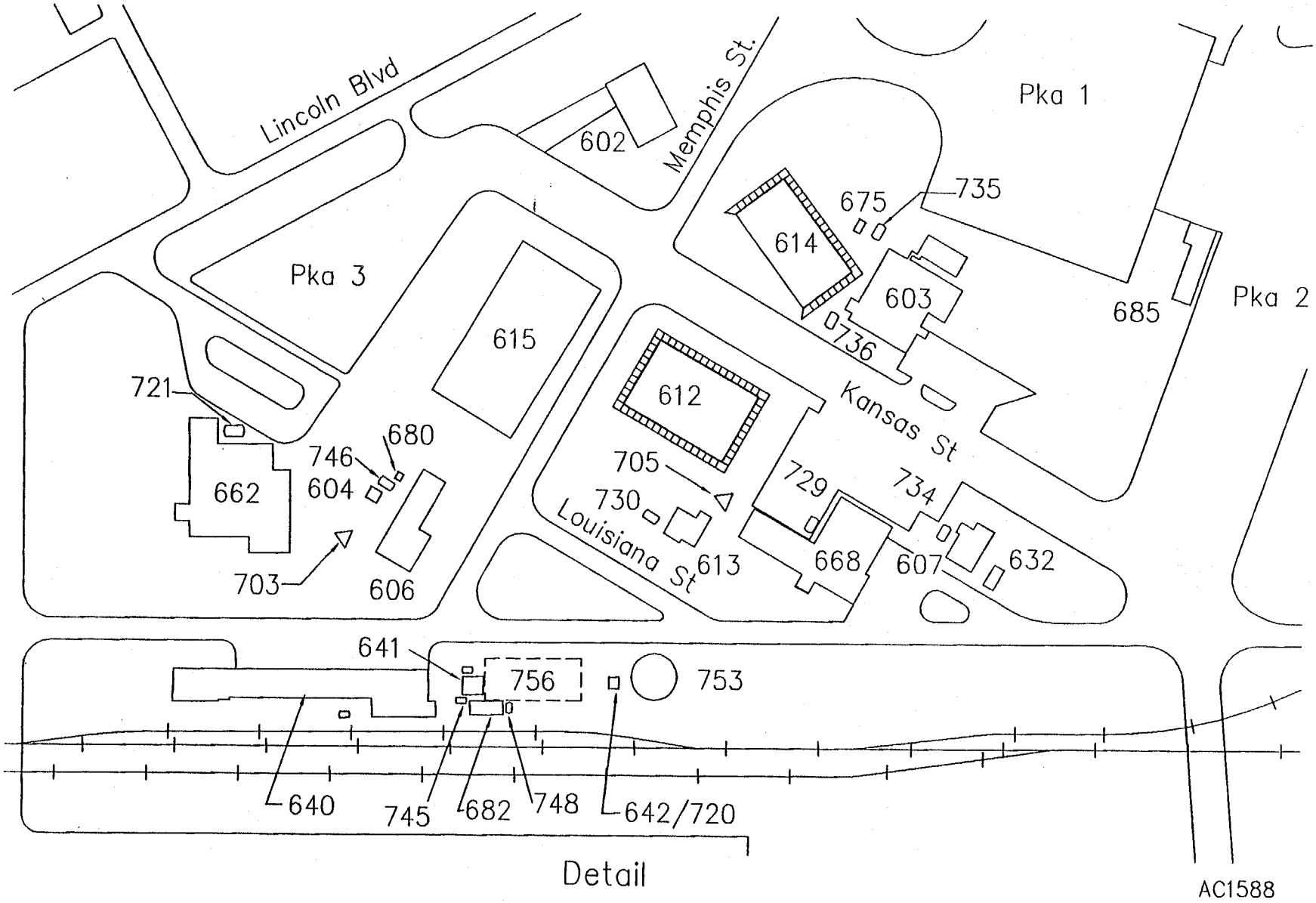

Figure 3-4. Detail of CFA area plot plan.

3.4 Idaho Chemical Processing Plant

3.4.1 Area Description

ICPP was originally constructed in 1953 as an engineering-scale demonstration facility to process highly enriched spent reactor fuel. However, until 1992, the plant became the INEL's principal facility for receiving, storing, reprocessing, and managing nuclear materials from test, defense, and research reactors in the United States and other countries. Since 1963, the ICPP has converted more than six million gallons of high-level radioactive liquid waste to granular solid form. Currently, ICPP has several primary functions, including fuel storage, waste management, technical support, and utilities. Figure 3-5 shows a plot plan of ICPP.

Fuel receipt and storage areas include the Fuel Receiving and Storage Building (CPP-603), the Fluorinel Dissolution Process and Fuel Storage (FAST) facility (CPP-666), and the Peach Bottom Fuel Storage Facility (CPP-749). CPP-666 stores fuels in water pools, and CPP-749 stores the fuel rods in underground dry containment. CPP-603 houses fuels in both dry and underwater storage.

Waste management facilities manage liquid, solid, and gaseous radioactive wastes generated during fuel processing. Waste management facilities include the tank farm, CPP-604, CPP-605/649, CPP-659, and the calcine storage bin sets. The tank farm area consists of large storage tanks that store high-level liquid radioactive waste before it is sent to CPP-659. CPP-659, the New Waste Calcining Facility (NWCF), is a process building used to calcine liquid high-level radioactive waste into a more stable solid high-level radioactive waste (*calcine*). The calcine is then temporarily stored in storage bins for until final treatment and disposal of the waste. CPP-604 houses the process equipment waste evaporators that concentrate dilute low-level radioactively contaminated liquid waste. The atmospheric protection system filters process offgas and process ventilation through banks of HEPA filters.

Technical facilities provide for chemical, radiochemical, and spectroscopic analysis and process development. Those facilities include the remote analytical facility (CPP-627), the Remote Analytical Laboratory (CPP-684), the process improvement facility (CPP-637), the process building (CPP-601), the laboratory and office building (CPP-602), and the safety and spectrometry building (CPP-630).

CPP-601 houses the alpha handling laboratory. CPP-602 contains radiochemistry, wet chemistry, quality control and accountability, spectrochemical, instrument, and methods research and development laboratories. CPP-627 incorporates remote analytical facilities and the production support analysis laboratory. CPP-637 houses technical laboratories, offices, and pilot plant facilities. CPP-630 houses the mass spectrometry laboratory.

Utility support buildings primarily include CPP-606, service building powerhouse, and CPP-687, the Coal-Fired Steam-Generating Facility (CFSGF). CPP-606 houses four boilers that are used as backup for the CFSGF (one of the boilers is not presently operable but will be used again). CFSGF houses two boilers and is the main source of steam for ICPP. CFSGF has a State of Idaho air quality prevention of significant deterioration (PSD) permit.

3.4.2 Primary Source Description

The Remote Analytical Laboratory (CPP-684) is used for chemical analysis of samples generated at various areas throughout ICPP. Some of those areas include the FAST facility

(CPP-666), the process building (CPP-601), the service waste system, various pilot plants, the decontamination facility, and NWCF. The building consists of radioactive and nonradioactive laboratories, offices, and other support space. The facility was designed to segregate work areas.

The warm (slightly radioactive) laboratory area receives filtered air from the heating, ventilating, and air conditioning air supply room as four separate streams. These streams flow to the following areas (some of which may be slightly radioactive): offices, change rooms, operating gallery, and maintenance corridor; valve room and operating gallery; and the warm (radioactive) laboratory. Total flow through these areas is about 16,000 cfm, and the flow goes from the least contaminated to the most contaminated areas. These streams are combined and exhausted through a double HEPA filter to the warm laboratory exhaust stack. The warm exhaust stream is continuously sampled and monitored for radioactive material.

The cold (nonradioactive) laboratory system is supplied by two filtered streams. One stream supplies the vestibule, offices, sample data room, and toilets. The other stream supplies the cold laboratories. The laboratory stream, with a flow of about 4680 cfm, discharges unfiltered through the cold laboratory exhaust stack. The other stream, with a volume of 530 cfm, exhausts through the office area exhaust blower. As a chemical laboratory, a large variety of chemicals are used in the facility. Most of these are liquid and are used in small quantities. Organic chemicals that are sometimes used in the area include propane used as a laboratory fuel supply, isopropanol used for cleaning equipment, and methyl isobutyl ketone used as an extractant. Inorganic materials that could be present include boron, cadmium, mercury, chromium, hydrofluoric acid, and nitric acid.

ICPP, like other industrial plants, uses steam for a variety of purposes, including heating and other process needs. CFSGF is the primary facility at ICPP for generating this steam, with other oil-fired boilers used as backup. This facility had a PSD permit before construction began.

CFSGF is a fluidized bed burner that burns coal to provide the heat to generate steam. This burning process generates unburned organics, particulates, sulfur oxides, nitrogen oxides, and other materials that are, after appropriate cleanup, discharged to the atmosphere. The facility consists of two burners and the associated equipment such as coal unloading facilities, an ash pit, and other items necessary to operate the facility. Particulates are removed by passing the offgas through bag filters, and a limestone injection system is used to remove most of the sulfur that is generated during the burning of the coal.

CFSGF has a design heat generation rate of 165 MBtu per hr. The design coal consumption rate is 16,500 lb/hr. At this rate, 135,000 lb of steam are generated per hour. Offgases from the coal combustion discharge through a dedicated stack that is 150 ft high and about 5.8 ft in diameter. The effluent discharges at a temperature of 350°F and at a flow rate of 75,000 cfm, resulting in a velocity of approximately 47 ft/sec.

CPP-606, the Service Building Power House, houses four boilers used as backup for the CFSGF. The boilers in CPP-606 are considered primary sources even though they are standby boilers. The four boilers consist of two Babcock & Wilcox Company boilers, one Murray boiler, and one Cleaver Brooks boiler. These boilers have been included in the PSD permit for the Fuel Processing Restoration Facility. There are only three stacks for all four boilers because the two Babcock & Wilcox Company boilers share a common stack. One of those boilers is presently not used but plans are being developed to bring that boiler back online.

The FAST facility (CPP-666) is a primary facility at ICPP for storing nuclear fuel. Fuel received from other locations is brought to the FAST facility in large, shielded casks, where it is unloaded and stored in large water-filled basins.

The Fuel Storage Area consists of a truck receiving area, a cask receiving area, decontamination rooms, a fuel unloading area, and a water treatment area in addition to the fuel storage area. The decontamination area is used to remove any surface contamination that may be present on the cask. The flourinel dissolution process area contains the cells where the fuel dissolution occurs, as well as change rooms, offices and the control room, a chemical makeup area, and other support areas. Both areas share one overall ventilation system that discharges to a special, dedicated FAST stack located north of the building. This stack is approximately 160 ft high. A bypass is available if the stack or the line leading to it becomes inoperable. The bypass is located on the roof of the CPP-666 near the northwest corner. Total flow through the ventilation system is about 90,700 actual cubic feet per minute.

All gaseous effluents at FAST, both radiological and nonradiological, are routed through HEPA filters before discharging to the environment. In general, the offgas from each area is filtered through roughing and HEPA filters before it leaves the area. These streams are then combined with the general ventilation air, which is again filtered before releasing to the environment. The individual treatment of an offgas stream before it leaves an area is based on the knowledge of the process and potential contents of the stream, which determines the number of filter stages needed or if other cleanup equipment is appropriate. The final cleanup system that treats the stream leaving the facility consists of four pairs of prefilters followed by HEPA filters. (The stream is split into four parts as it leaves the building.) Heat recovery coils are present to help conserve and recover heat from the exiting stream. The air stream then flows through a common duct to one of three blowers, each of which is sized to handle half of the total flow. The exhaust then flows through an underground duct to the FAST stack.

The ICPP main stack is the primary emission point at ICPP because of the volume of gas discharged and the contaminants released. The main stack is 250 ft tall and has a diameter of about 6.5 ft. Air flow through the stack is about 100,000 to 150,000 cfm, resulting in a velocity up the stack of about 61 ft/sec. Offgas release points from throughout the ICPP area are collected and lead to the main stack where the emissions are monitored, sampled, and released to the environment. The streams leading to the main stack can be classified according to their origin as well as the activities from which they come. The effluent from the main stack is constantly monitored for the primary emissions, specifically nitrogen oxides and radionuclides. Releases of nitrogen oxides and radionuclides from the main stack are regulated by the Fuel Processing Restoration Facility Permit to Construct issued by the State of Idaho.

Although a large number of activities are conducted at ICPP, the primary sources that generate emissions are classified as a) nuclear fuel storage, b) treatment of the waste generated during dissolution by converting it from a liquid to a solid in a process called calcination, c) treatment of other waste streams by evaporation, d) sampling of many of the liquid streams, and e) various support activities involving chemical analysis, process development, steam generation, and other activities associated with operation of the plant.

These activities are reflected in the design of the system that collects offgases for transport to and release from the main stack. This system consists of primary parts that collect offgases from the following areas: a) general ventilation air from buildings CPP-601, CPP-602, CPP-604, CPP-633, CPP-627, and CPP-640; b) dissolver offgas lines that collect the offgases that are generated during

the actual fuel dissolution process; c) sample offgas lines that collect emissions generated when samples are obtained by using air or steam jets to obtain samples from various tanks or lines; d) vessel offgas lines that are connected to many vessels in all parts of the plant and generate offgases as they are filled or breathe; and e) and process offgas lines from the calcination process that are high in nitrogen oxides because of the destruction of the nitrate present in the wastes, which occurs during the calcination process.

The general ventilation air typically contains only secondary quantities of emissions and comes from areas that under normal circumstances do not contain hazardous materials and that are normally occupied, so the concentration of any potentially dangerous material is minimal. Air from hoods, normally radioactive areas, and similar areas is not included in the normal ventilation air. This air, like all releases to the ICPP main stack, is processed through the Atmospheric Protection System before being released to the environment.

Releases to the main stack are highly dependent on the individual activities that are in operation at the time, and these can vary greatly over the years or throughout any given year. Operation of NWCF results in large quantities of nitrogen oxides being released; nitrogen oxide releases are minimal if NWCF is not operating.

Certain materials considered toxic by the State of Idaho could be present in the gas exhausted from the main stack. Because of the extensive cleanup system present on the offgas stream, most or all of these substances would be present in concentrations significantly below the levels considered as toxic by the State of Idaho. Laboratory ventilation air discharges to this system, and this air could contain minute quantities of the many chemicals typically used in a laboratory, although these chemicals would normally be used only in a hood with a separate discharge point. Toxic materials that could be present in the exhaust in small quantities include acetic acid, cadmium compounds, sulfuric acid, various solvents, tributyl phosphate, aluminum nitrate, ammonia, barium compounds, borates, chromium compounds, fluorides, formic acid, hydrochloric acid, nitric acid, oxalic acid, sodium hydroxide, and uranium and zirconium compounds.

3.4.3 Secondary Sources

ICPP contains the most secondary sources of any area at the INEL. The majority of these are organic and inorganic storage tanks, fuel burning equipment, and secondary chemical sources. Secondary sources at ICPP include organic and inorganic storage tanks, several propane burners, large engines, and small engines. Secondary sources include several chemical sources which encompass numerous fumehoods, chemical processes, blueprint machines, and painting operations.

There are also several miscellaneous sources such as chemical pumps and lines and potential sources of radionuclides (i.e., the ICPP percolation ponds). Most of these sources contribute very small quantities of air pollutants and have little impact on air quality.

3.4.4 Summary of ICPP emissions

Table 3-4 presents a summary of the totals for each of the principal pollutants. The 1993 release rates for carbon monoxide emissions from CPP-787-001 have increased significantly from previous years due to the use of a new AP-42 emission factor for fluidized bed boilers.

Table 3-4. Summary of the totals for each of the principal pollutants at ICPP.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	2.012E+02	4.278E+02	6.5E+02	2.5E+03
Nitrogen oxides	3.246E+02	5.316E+02	1.8E+03	7.7E+03
Particulate	1.376E+01	2.637E+00	1.3E+02	5.9E+02
Lead	1.403E-03	1.162E-03	6.7E+01	2.9E+02
Radionuclides[a]	5.5504E-00	6.660E+01	2.3E+04	1.6E+05
Sulfur oxides	3.849E+01	3.629E+01	2.5E+02	1.1E+03
VOC - nonmethane	2.858E+02	1.612E+01	4.1E+02	5.4E+02

a. Units in Ci/mo and Ci/yr, respectively.

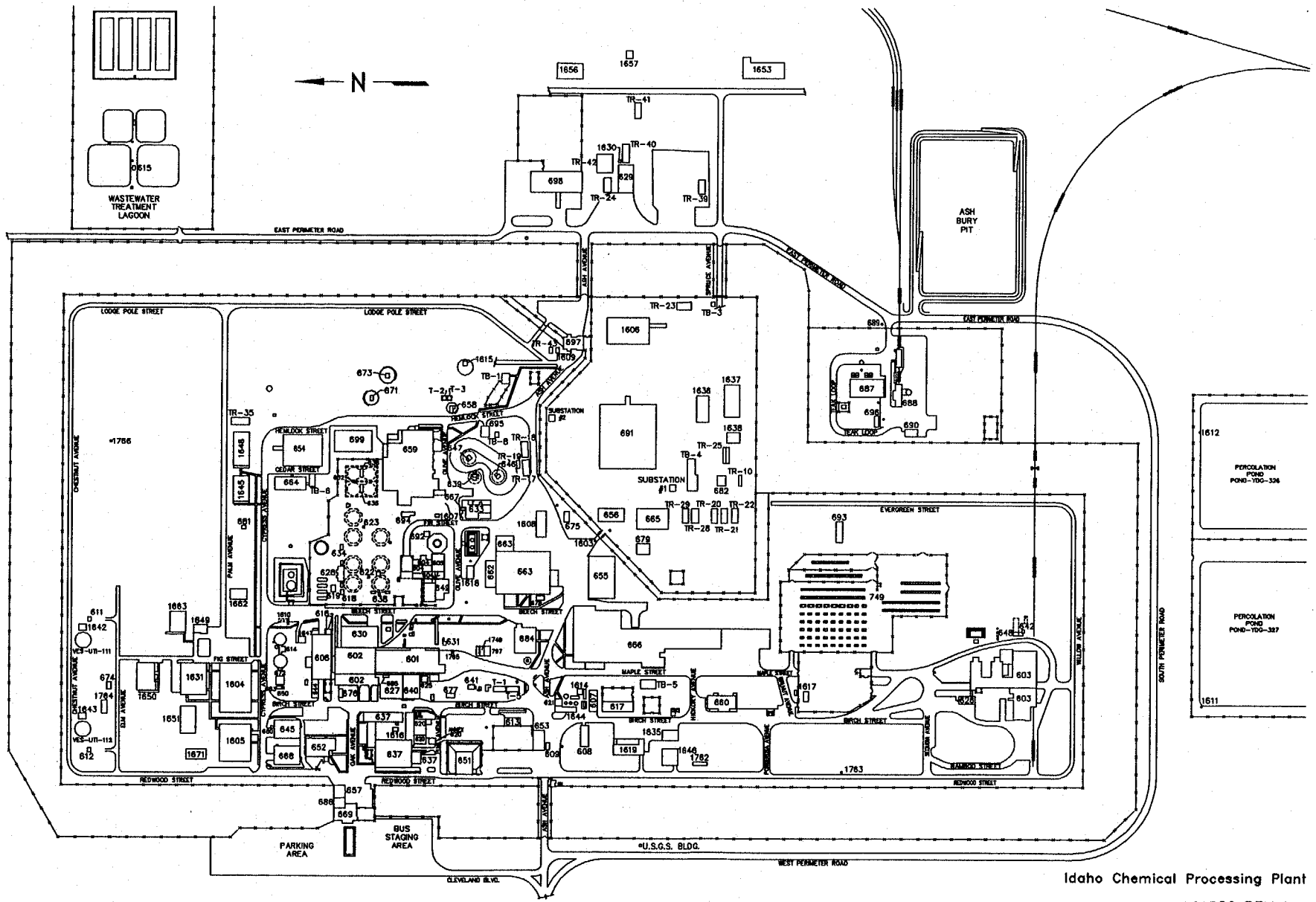

Figure 3-5. Area plot plan of the Idaho Chemical Processing Plant.

3.5 Naval Reactor Facility

3.5.1 Area Description

NRF is located in the southwestern part of the INEL site. One of the oldest areas on the INEL, NRF has operated more than 35 consecutive years and trained thousands of naval officer and enlisted personnel. NRF has provided several reactor prototypes for the U.S. Air Force and the Navy and still operates several facilities. There are five main operational areas at NRF: the Natural Circulation Reactor (S5G) prototype plant, the Large Ship Reactor (A1W) prototype plant, the Expended Core Facility (ECF), the Submarine Thermal Reactor (S1W) prototype plant, and NRF Production. An area plot plan of NRF is shown in Figure 3-6.

The S5G prototype plant currently operates as a training platform for U.S. Navy personnel who operate nuclear powered submarines. The S5G operational area includes the Test Plant Building, the S5G Cooling Tower, and several smaller buildings. S5G is scheduled to be inactivated in 1995, which will involve stopping all training, performing end-of-life testing, shutting down, defueling and inactivating the reactor plant; and preparing for long-term maintenance prior to final decommissioning.

The A1W prototype plant underwent final shutdown in January 1994. The A1W operations area includes the A1W Hull Structure Building, the A1W Operations Building, the Radioactive Waste Disposal Equipment Building, the A1W Cooling Tower, the Circulating Water Facility building, and numerous other support buildings and shops. Most of the work in the A1W operations area will consist of defueling and inactivating the A1W prototype plant.

The ECF houses hot cell facilities, shipping container loading and unloading bays, and water pits to examine and process spent nuclear fuel, prior to being transferred to ICPP. The ECF examines and evaluates performance of core components removed from submarines, surface ships, and land-based naval reactor prototypes; conducts a materials testing program involving preparing, examining, and testing material specimens that have been irradiated in the Advanced Test Reactor, located at the INEL's Test Reactor Area; unloads spent reactor core components from shipping casks; prepare spent core components for shipment to ICPP for storage; and maintains shielded shipping casks.

The S1W prototype plant was inactivated in 1989. The S1W operational area includes the S1W Main Building, which houses the inactivated S1W prototype plant, the Site Chemistry Laboratory, and various office buildings. The only regular activity occurring in the S1W area is analytical testing performed in the chemistry labs.

NRF Production is centrally located on the NRF site. The area includes machine, welding, paint, and fabrication shops, the site boilerhouse, and office spaces. Most of NRF's nonradiological maintenance and repair in support of the prototype plants and the NRF site is conducted by Production personnel in this area. All of NRF's steam for space heating is produced in the boilerhouse.

3.5.2 Primary Sources

The boilers account for most of the criteria pollutant emissions from NRF. The three NRF boilers are located in the boilerhouse (NRF-620), which is centrally located at the NRF site and under control of NRF Production. They provide steam for space heating in most NRF buildings.

The NRF boilers burn primarily No. 5 fuel oil and relatively small amounts of No. 2 fuel oil during startup evolutions. The heating season at NRF typically runs from October until May, depending on demand for space heating. Normally, only one of the three boilers is operating, with a second boiler in hot standby and the third boiler in a cold layup condition. Since the inactivation of the S1W and A1W prototype plant, NRF has an excess of boiler capacity. This makes it extremely unlikely that NRF would ever need to operate more than one of the three boilers at a time.

No emission controls or monitoring are installed on the NRF boilers. Primary emissions are sulfur oxides, nitrogen oxides, carbon monoxide, and particulate.

NRF Production also has cognizance of the Power System Upgrade emergency diesel power system. In 1991, the Power System Upgrade consolidated most of NRF's emergency power generating capability into one system. Four identical 1400-horsepower engines are housed in NRF-686. Normally, each of these engines is operated about 60 hours per year for training and preventive maintenance. Primary pollutants include carbon monoxide and nitrogen oxides. Actual emissions are small because of the limited operating schedule.

The Production Services Paint Shop Spray Booth (NRF-602-006) accounts for a large percentage of NRF's VOC emissions. The booth has a water curtain that controls emissions of particulate at or near 100% efficiency. Many items are painted just outside of the paint shop, resulting in fugitive emissions of air toxics and VOCs. For purposes of this inventory, all of the emissions due to painting performed outside the paint shop have been assigned to the booth exhaust. Emissions were calculated based on the estimated total of paints and thinners used.

In the S5G operational area, there are two primary sources of emissions. The S5G Test Plant Building Radioactive Area Ventilation system ventilates the S5G prototype plant and the plant water discharge facilities and discharges the HEPA-filtered and monitored air through the stack (NRF-633A-057). The primary emissions consist of small amounts of radionuclides.

The S5G Cooling Tower (NRF-716-001) cools secondary water from operation of the S5G plant. It is a seven-cell, induced draft tower with 22-foot diameter venturi exhaust stacks and drift eliminators. Maximum design circulating water capacity is 37,000 gallons per minute. The operating level and schedule of the tower is extremely variable, depending on training schedules, plant power level, and ambient weather conditions. The primary emission of the cooling tower is particulate.

The primary sources of the A1W operational area include the A1W Reactor Compartment 3A exhaust (NRF-617-013), the A1W Cooling Tower (NRF-708-001), the A1W Nucleonics Room Ventilation stack (NRF-616-039), the A1W RWPS Tank Ventilation (NRF-628A-006), and the emergency diesel generators #3 and #4 exhausts (NRF-617C-001, -002). Most of these sources are secured and will be inactivated in 1994. The ventilation systems for the inactive radiological sources (NRF-617-013, NRF-616-039, and NRF-628A-006) will still be operated and monitored, although emissions are expected to be negligible. The A1W Cooling Tower and the two A1W emergency diesel engines will no longer operate.

The ECF building has three primary sources of air emissions: Stack No. 1 (NRF-618-099), Stack No. 2 (NRF-618-103), and the High Bay roof vents (NRF-618-024 through -043). Stack No. 1 is a HEPA filtered exhaust system that ventilates hot cells, a chemistry laboratory, a decontamination shop, and various other areas of the building. The main operations produce emissions from this source are preparation of specimens for examination and evaporation of chemical descale solutions in the hot cells; waste reduction in the two evaporators used to reduce the volume of liquid waste at

ECF; and decontamination of large pieces of equipment in Decontamination Shop No. 1. Most of the nonradiological machining work at ECF is performed in the Operations Support machine shop. The system is continuously monitored for radioactive particulate, iodine-131, and tritium. The primary emissions are VOCs and radionuclides.

ECF Stack No. 2 is a HEPA filtered exhaust system that ventilates hot cells, shipping cask unloading area (the Receiving Station), and various other areas in the building. The main operations that produce emissions from this source are a) radiological examination work in the hot cells and b) unloading, decontamination, and maintenance of spent fuel shipping containers in the Receiving Station. The system is continuously monitored for radioactive particulate and iodine-131. The primary emissions are VOCs and radionuclides.

Eighteen roof vents are located along the length of the ECF High Bay. They operate intermittently to provide temperature and radon control and to remove diesel exhaust fumes from trucks. Radiological work in the High Bay is performed underwater, in HEPA filtered containments, and in designated work areas. Welding and painting operations are also performed routinely in the high bay. The roof vents are not filtered. Three of the vents are continuously monitored for radioactive particulate and tritium. The primary emissions are VOCs from painting and metal fabricating operations, and radionuclides.

The only primary source of emissions in the S1W operational area is the S1W Building main stack (NRF-601-019), which ventilates the NRF Site Chemistry Laboratory. The stack is actually seven exhaust systems that are collocated and appear as one from the exterior; four of these seven exhaust systems are still operational and are identified as A, B, C, and F in the Air Emission Inventory. NRF-601A-019 is the emissions point for the Site Chemistry Laboratory Ventilation System. Most of NRF's analytical chemistry is performed in this area, including radiological counting of environmental monitoring samples, isotopic analysis, and water chemistry analysis. The chemistry laboratory exhaust is monitored for radioactive particulate. The primary emissions are VOCs, chlorofluorocarbons, and radionuclides.

3.5.3 Secondary Sources

NRF has a variety of secondary sources, including organic and inorganic liquid storage tanks, fuel burning equipment, and chemical sources. The secondary fuel burning equipment is made up of stationary diesel engines used for emergency power production and emergency water pumping systems. The chemical sources include laboratory fumehoods, a paint shop, welding exhausts, a reproduction center, and miscellaneous sources.

3.5.4 Summary of NRF Emissions

Table 3-5 presents a summary of the totals for each of the principal pollutants at NRF.

Table 3-5. Summary of principal pollutants at NRF.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	6.081E+01	4.583E+00	8.2E+01	3.6E+02
Nitrogen oxides	2.541E+02	2.951E+01	3.7E+02	1.6E+03
Particulate	3.238+01	2.585E+01	1.5E+02	6.9E+02
Lead	2.016E-03	1.386E-03	5.7E-03	2.5E-02
Radionuclides[a]	1.099E-01	1.388E+00	6.3E-01	7.5E+00
Sulfur oxides	1.460E+02	9.001E+01	3.9E+02	1.7E+03
VOC - nonmethane	1.122E+01	3.913E+00	1.4E+01	4.8E+01

a. Units in Ci/mo and Ci/yr, respectively.

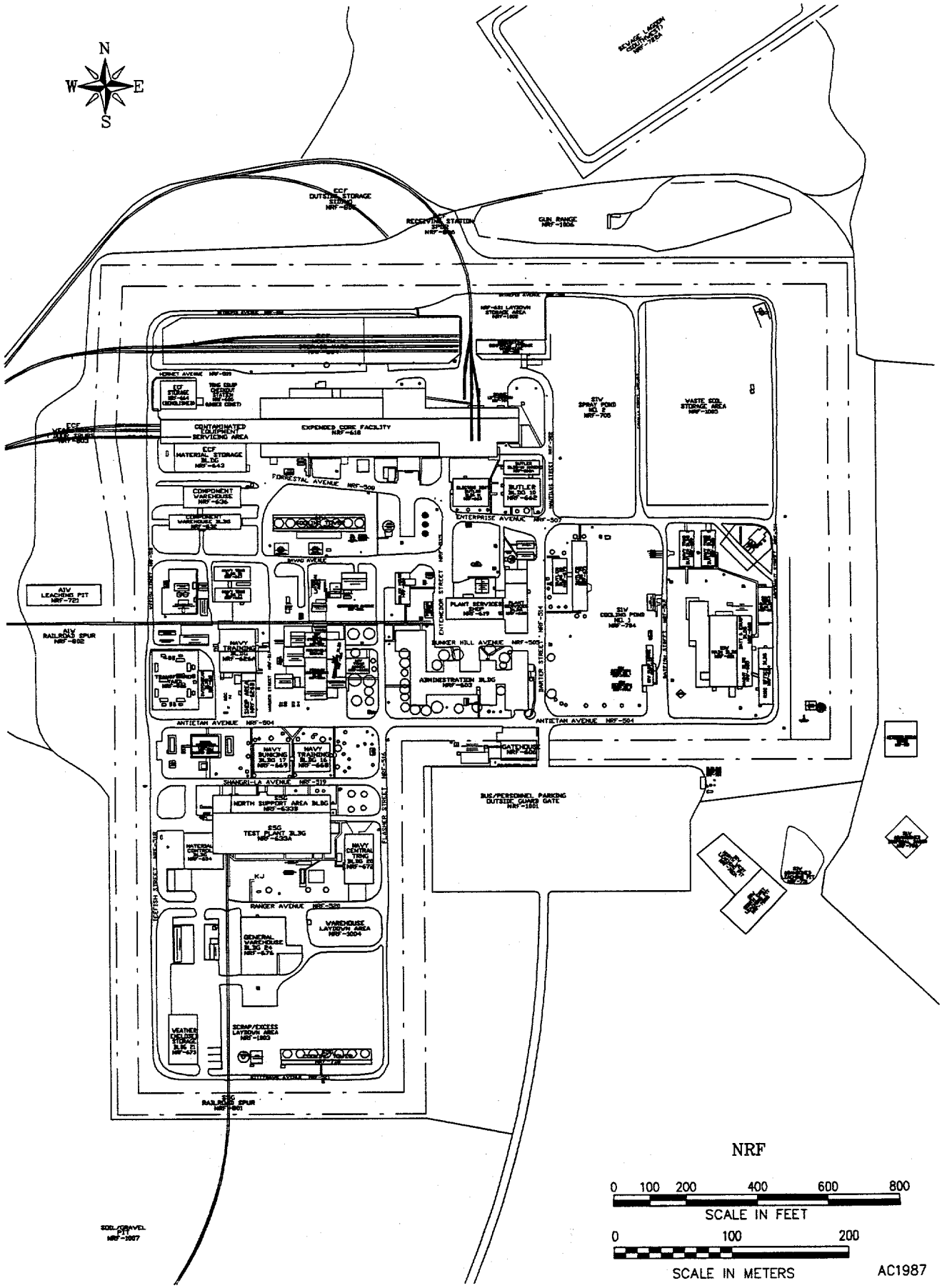

Figure 3-6. Map of NRF area.

3.6 Power Burst Facility

3.6.1 Area Description

The PBF area is located approximately 6 miles northeast of CFA and is shown in Figure 3-7. Originally, the PBF was used to test reactor transient behavior and for safety studies on light-water-moderated enriched-fuel systems. These tests were called Special Power Excursion Reactor Test (SPERT) and commenced in the late 1950s. At that time, the PBF area consisted of the Control Area and the Reactor Area, the latter including SPERT I (now decontaminated, dismantled, and returned to its natural state), SPERT II, SPERT III, and SPERT IV reactors. The PBF Control Area served as the control center for all SPERT and PBF operations.

The PBF Control Area (Figure 3-8) now is the central administrative area for the PBF operations. The buildings at the control area house the PBF reactor controls, offices, maintenance and instrumentation areas.

The PBF Reactor Area (Figure 3-9) consists of the PBF reactor, which was constructed north of the site of the SPERT I reactor site. The SPERT I reactor was decommissioned in 1964 and the area has been revegetated. The PBF reactor has been used for reactor research on fuel behavior during normal and off-normal operating conditions but has been shut down pending inactivation.

The SPERT II area (Figure 3-10) consists mainly of the SPERT II reactor, which was constructed to study kinetic behavior for information on reactor safety. The reactor has been decommissioned, and most of the equipment (i.e., reactor vessel and primary coolant loop) has been removed. The building now houses the Waste Engineering Development Facility (WEDF), which is used for lead receiving, storing, and shipping and for developing waste treatment processes for hazardous and mixed wastes.

The SPERT III area (Figure 3-11) consisted of SPERT III Reactor Building (PER-609), the second SPERT reactor in operation and built in the late 1950s. The reactor was designed to conduct studies on high-power, high-temperature, heterogeneous, light water reactors. Its primary function was to determine the effect of water flow, pressure, and temperature on the transient characteristics of the reactor. The reactor was placed in standby in 1968 and was decontaminated and decommissioned in 1980. All system components were removed and the remaining areas were decontaminated. The area was converted to the Waste Experimental Reduction Facility (WERF). Facilities at WERF include a 4.8-million BTU/hr incinerator, a 524-kW induction melting furnace, a 200-ton compactor, and a 960-ft^2 sizing shop where metallic waste is cut up using plasma arc torches. Also included are an offgas/ash solidification room, indoor mixed waste storage, and a 4,600-ft^2 outdoor radioactive waste storage area. The induction furnace was used for melting metal objects and pouring them into ingot molds. The compactor is used to process all materials that cannot be processed through the incinerator (such as PVC). The solidification process is used to stabilize the incinerator ash by solidifying the ash with cement/water. WERF is presently inactive.

The SPERT IV reactor (Figure 3-12) was constructed to extend the range and type of controlled test parameters and to provide a facility for the kinetic testing of advanced-design reactor cores. The reactor has been removed, and the area is being used to store mixed waste at the Mixed Waste Storage Facility (MWSF). MWSF is now a Resource Conservation and Recovery Act (RCRA) Storage Facility under RCRA interim status for the storage of mixed waste, which is both hazardous [defined by Code of Federal Regulations (CFR) 40 CFR 261] and radioactive. MWSF has segregated

areas to accommodate storage of polychlorinated biphenyls (PCBs), corrosives, and flammables in compliance with RCRA requirements. Special provisions for these waste forms include special isolation diking and ventilation systems.

3.6.2 Primary Source Descriptions

The primary sources at the PBF consists of two boilers used for heating in the winter; WEDF; and WERF.

The two boilers are located in PER-613 and PER-620. Both of the boilers have been identified in the Fuel Processing Restoration PSD permit as CFA/PER-613 B-501 (Powermaster boiler) and CFA/PEF-620 M-31 (Cyclotherm boiler). The boilers are designed to run automatically from September to May of each year and have essentially the same allowable emission level in the permit.

The WEDF facility is located in PER-612. The facility is used for receiving, storing, and shipping clean lead and the development of waste treatment processes for hazardous and mixed wastes. Currently, no continuous operations are associated with WEDF.

WERF is dedicated to the development of volume reduction processes for low-level radioactive and mixed waste. WERF consists of PER-609, PER-622, PER-623, and a storage area located northwest of PER-622. Two processes take place in PER-609: a) incineration of combustible solid and liquid low-level radioactive and mixed waste, and b) solidification, by grouting, of mixed waste. PER-622 houses sizing, compaction, and waste-sorting operations, which emit through a . Sizing reduces the volume of low-level radioactively contaminated metal for further processing or more efficient disposal at the RWMC. PER-623, the WERF Waste Storage Building (WWSB), provides interim storage of hazardous and mixed waste until the waste is treated at an INEL treatment unit or is shipped offsite for treatment and/or disposal. Compaction reduces the volume of materials that cannot be incinerated or exceed contamination limits for incineration. An open air asphalt and concrete pad is used to store low-level beta-gamma contaminated waste destined for processing. The waste can be in the form of actual structures or assemblies with the contaminated portions covered, or cargo containers containing incinerable waste. WERF is presently inactive.

3.6.3 Secondary Sources

The majority of the secondary sources are fuel burning equipment and VOC storage tanks. There are also two inorganic storage tanks (sulfuric acid) and a fumehood used for removing caustic and acid vapors from the demineralizer mixing tanks. The VOC storage tanks contain materials that include No. 2 diesel or gasoline.

3.6.4 Summary of PBF Emissions

Table 3-6 is a summary of the totals for each of the principal pollutants.

Table 3-6. Summary of principal pollutants at PBF.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	1.382E+00	1.020E-01	2.3E+01	5.4E+01
Nitrogen oxides	6.293E+00	4.162E-01	2.0E+01	8.0E+01
Particulate	4.627E-01	4.026E-02	1.1E+00	4.7E+00
Lead	2.328E-05	2.100E-05	6.3E-05	2.6E-04
Radionuclides[a]	2.587E-07	3.107E-06	5.3E+00	4.7E+01
Sulfur oxides	1.729E+00	1.211E+00	6.9E+00	2.4E+01
VOC - nonmethane	1.177E+00	2.956E-01	1.9E+00	6.1E+00

a. Units in Ci/mo and Ci/yr, respectively.

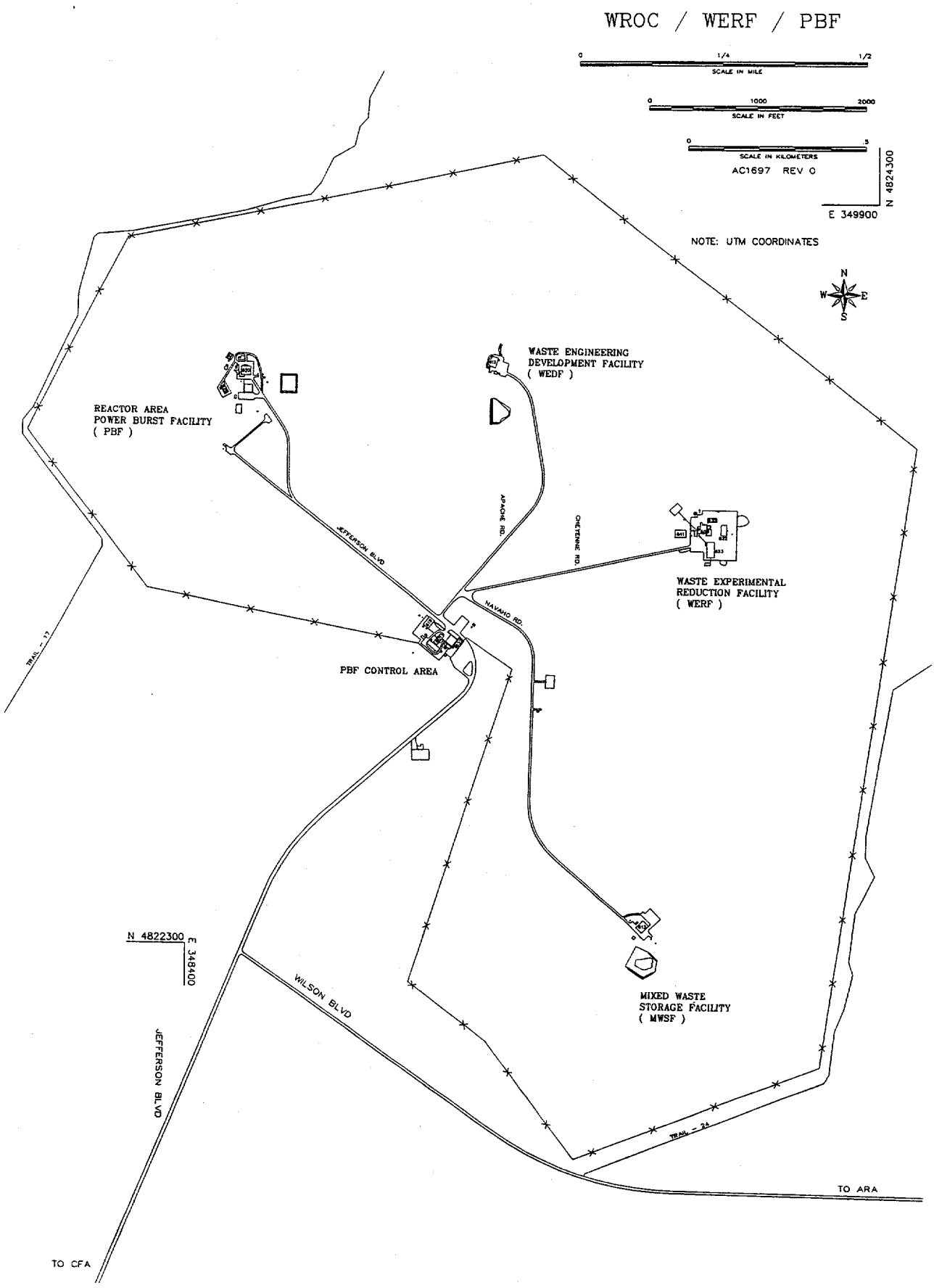

Figure 3-7. Map of PBF area.

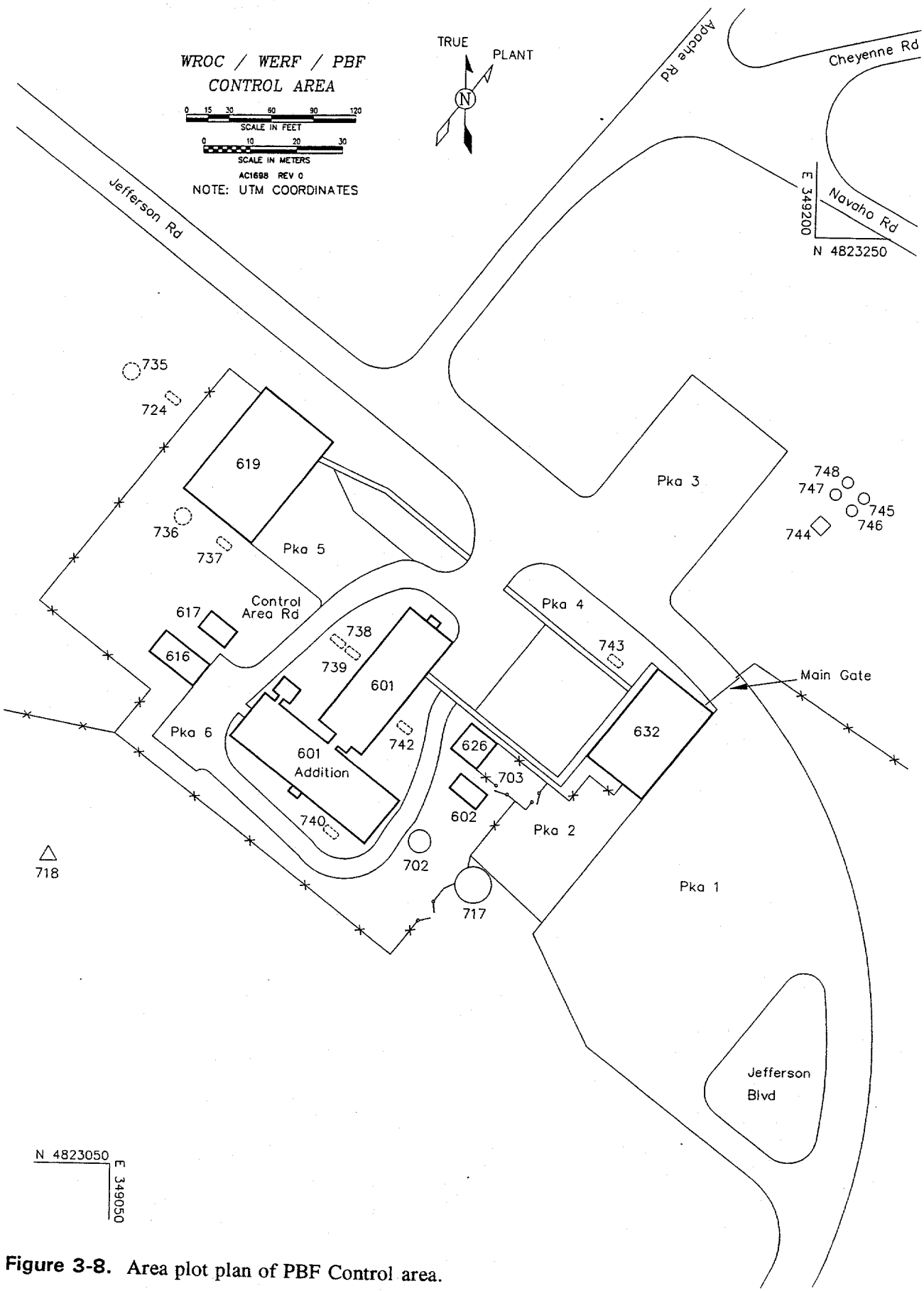

Figure 3-8. Area plot plan of PBF Control area.

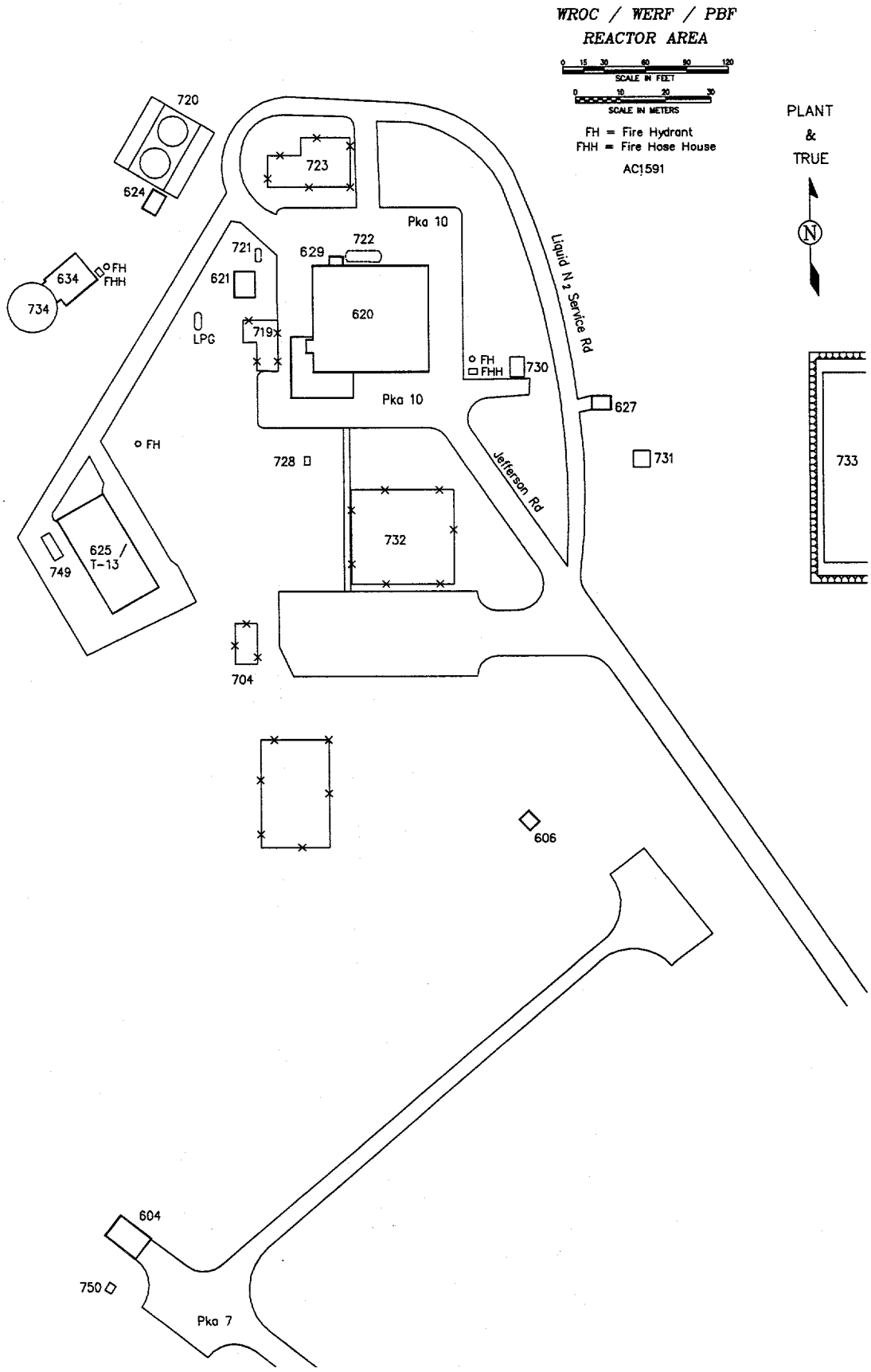

Figure 3-9. Area plot plan of PBF Reactor area.

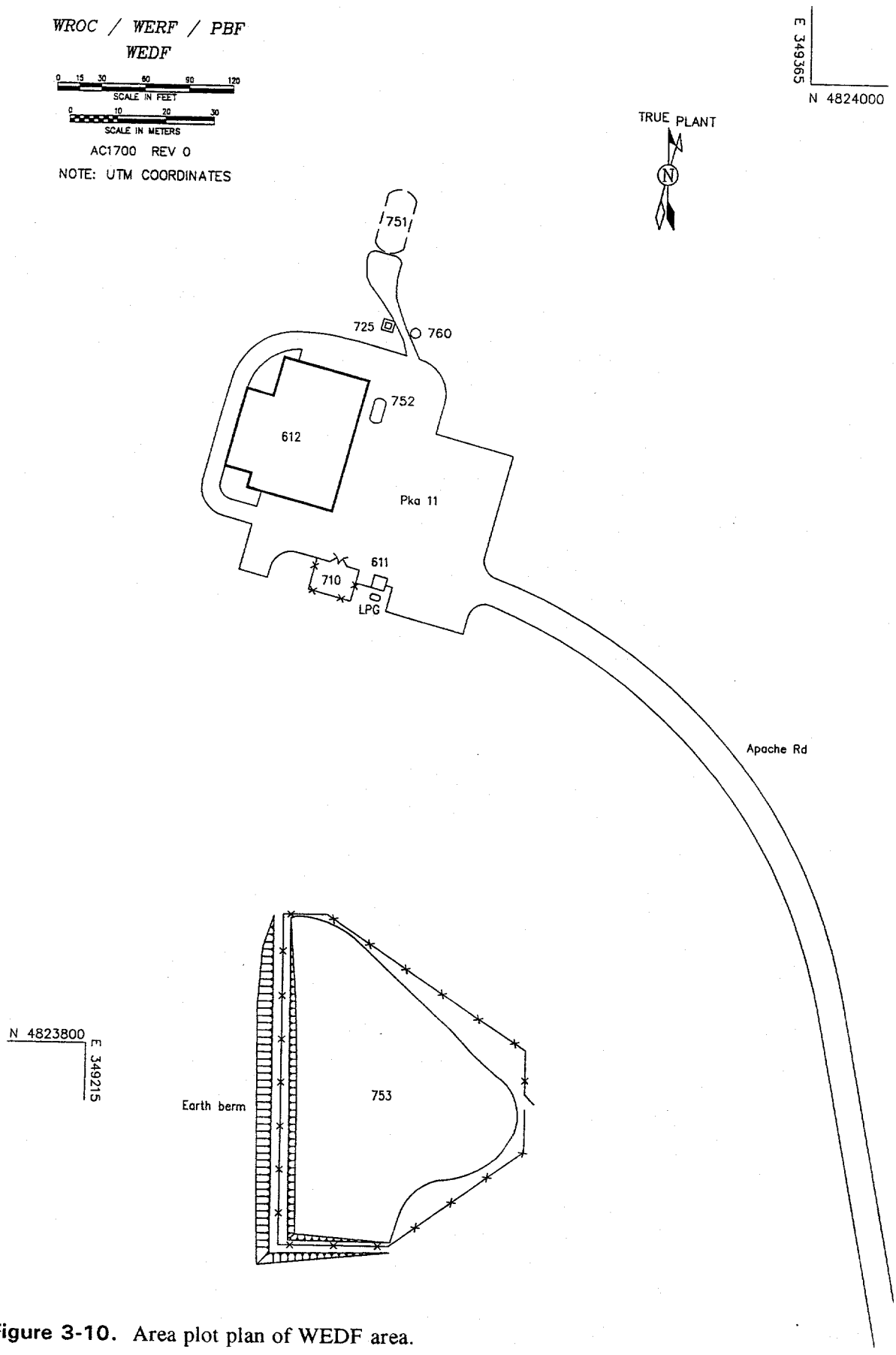

Figure 3-10. Area plot plan of WEDF area.

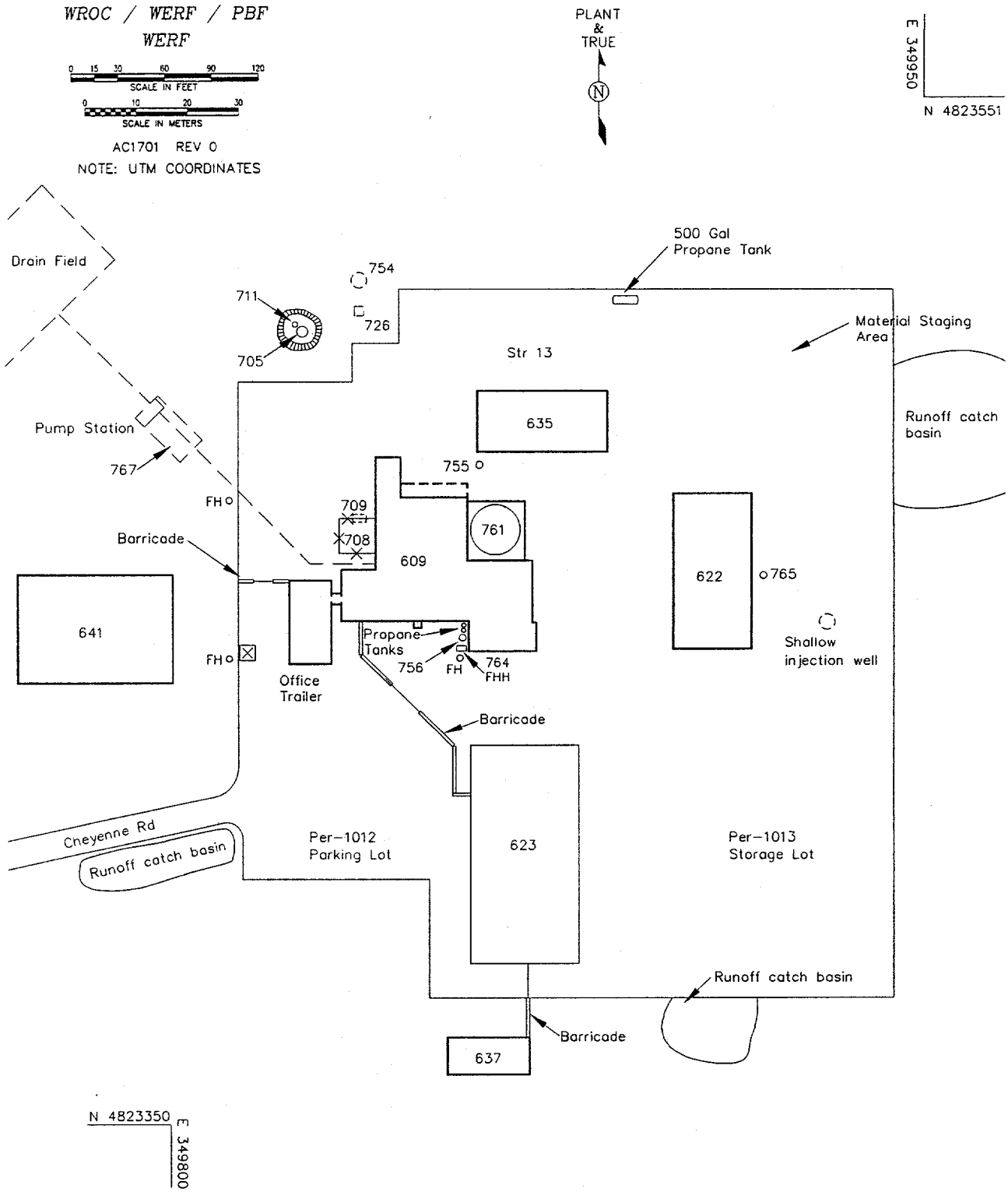

Figure 3-11. Area plot plan of WERF area.

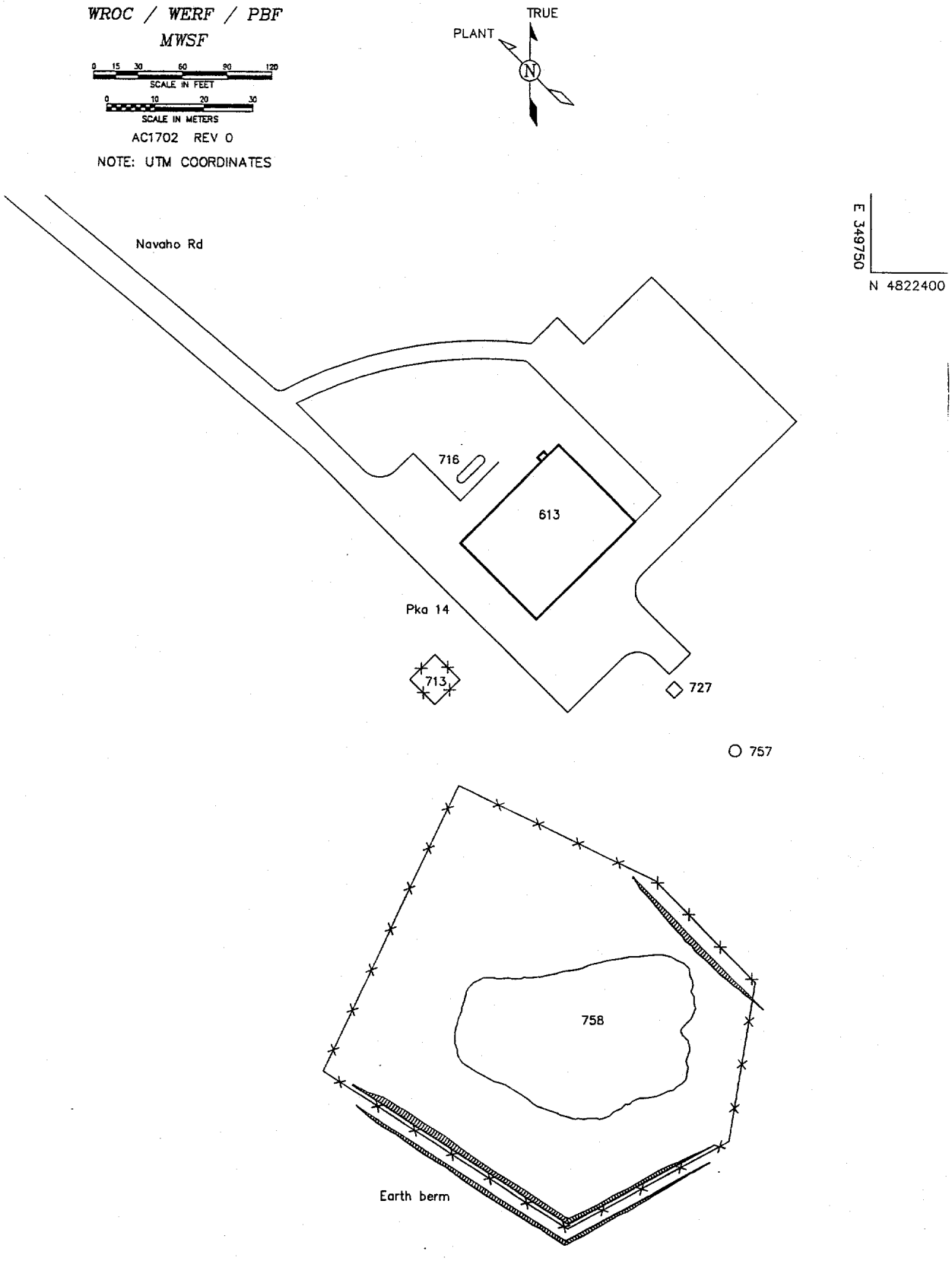

Figure 3-12. Area plot plan of MWSF area.

3.7 Radioactive Waste Management Complex

3.7.1 Area Description

RWMC was established in 1952 and is located 7 miles southwest of CFA. RWMC, a restricted area, provides waste management for solid low-level radioactive and transuranic wastes. Waste management includes retrieval, examination, and certification of transuranic waste for ultimate disposal at the DOE Waste Isolation Pilot Plant in New Mexico. The facility also supports research and development activities for shallow land burial technology. Figure 3-13 presents a plot plan of RWMC.

RWMC is divided into four zones: the Administrative Area, the Operational Support Zone, the Subsurface Disposal Area (SDA), and the Transuranic Storage Area (TSA).

The Administrative Area is located in the northeast section of the RWMC and consists of office support buildings.

The Operational Support Zone is located west of the Administrative zone and consists of maintenance shops, change facilities, storage facilities, the guardhouse, support trailers, and the raw water supply system.

SDA occupies approximately 88 acres and is used for the permanent disposal of solid low-level beta-gamma waste. Before 1970, RWMC received and buried transuranic waste at SDA from both offsite and onsite facilities. Since 1970, only low-level waste has been buried at SDA. Most of the low-level waste is buried in pits, trenches, and soil vaults; however, low-level radioactively contaminated nitrate salts are stored separately on an asphalt pad, Pad A, and covered with a layer of soil.

TSA consists of several facilities and asphalt pads and occupies approximately 56 acres. TSA was established in 1970 to provide temporary storage of transuranic waste until a federal repository could be available for permanent disposal. Transuranic waste is stacked on asphalt pads and then covered with plywood, plastic sheeting, and three feet of soil. Since 1975, a movable, inflatable fabric dome known as the Air Support Weather Shield has protected the waste containers from the weather. The Stored Waste Examination Pilot Plant provides nondestructive examination and segregated storage of waste containers prior to shipment to the Waste Isolation Pilot Plant. The Stored Waste Examination Pilot Plant also vents waste containers to prevent the buildup of potentially explosive gases.

3.7.2 Primary Source Descriptions

There are no primary sources of air emissions at the RWMC.

3.7.3 Secondary Sources

There are several secondary sources of air emissions at the RWMC. These sources include primarily emergency generators or furnaces that burn propane and one diesel emergency generator and its associated fuel tank are located at WMF-603. The fumehood located at WMF-601 vents emissions from decontamination of health physics equipment. The Drum Venting Facility (WMF-615) houses the Drum Venting System. The Drum Venting System installs carbon composite

fibers in the lids of stored waste drums to prevent hydrogen buildup inside the drums. All exhaust air from the Drum Venting System is filtered by two HEPA filters before discharging to the atmosphere. Currently the Drum Venting Facility operates on a limited basis.

3.7.4 Summary of RWMC Emissions

Table 3-7 is a summary of the totals for each of the principal pollutants.

Table 3-7. Summary of the totals for each of the principal pollutants at the RWMC.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	1.346E+00	6.727E-02	2.7E+00	1.2E+01
Nitrogen oxides	6.197E+00	3.212E-01	1.2E+01	5.4E+01
Particulate	4.404E-01	1.889E-02	8.8E-01	3.8E+00
Lead	1.631E-05	3.514E-07	3.3E-05	1.4E-04
Radionuclides[a]	1.197E-06	1.430E-05	1.7E-07	2.0E-06
Sulfur oxides	4.066E-01	1.068E-02	8.1E-01	3.6E+00
VOC - nonmethane	9.224E-01	2.686E-02	1.5E+00	5.1E+00

a. Units in Ci/mo and Ci/yr, respectively.

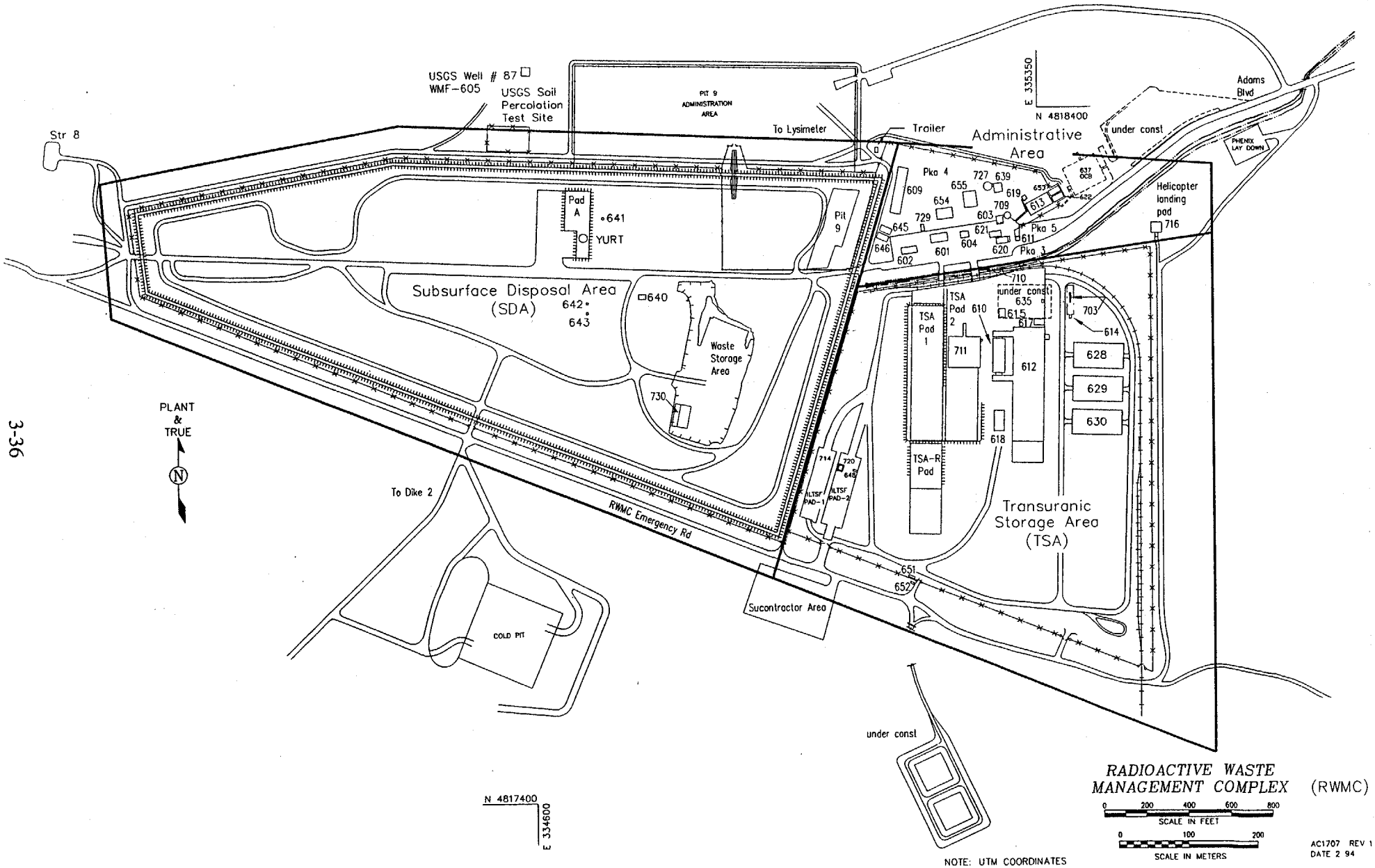

Figure 3-13. Area plot plan of the Radioactive Waste Management Complex.

3.8 Test Area North

3.8.1 Area Description

TAN is located in the northern part of the INEL site and presently comprises three operational areas: the Technical Support Facility (TSF); the Loss Of Fluid Test (LOFT) area, which includes the Specific Manufacturing Capability (SMC) Project; and the Water Reactor Research Test Facility (WRRTF).

The TSF area functions as the administrative and support hub of TAN and houses many important programs, including Three Mile Island Unit 2 Core Offsite Examination; the Process Experimental Pilot Plant; and the Spent Fuel Program, part of SMC. Maintenance for all of TAN is also centered at TSF. Figure 3-14 is an area plot plan of the TSF area.

The LOFT area is approximately 1.5 miles northwest of the TSF area. The area includes the LOFT containment vessel and service building, the LOFT reactor control and equipment building, and numerous support facilities. The SMC area includes a large aircraft hangar that has been converted to support the manufacturing process, and numerous buildings for the various phases of the manufacturing and production process. SMC provides most of the activity at LOFT. Figure 3-15 is an area plot plan of LOFT/SMC.

The WRRTF area (see Figure 3-16) includes the Semiscale Project, the Blowdown Project, and the Two-Phase-Flow Loop Project, all of which are now decommissioned. Very little activity now exists at WRRTF, with the exception of some engineering-scale tests.

3.8.2 Primary Sources

The boilers at TAN constitute some of the largest sources of emissions and are present in all three of the functional TAN areas. These boilers all provide steam for space heating and are located in the following buildings:

- TAN-603 (TSF) - Two main boilers, one backup boiler
- TAN-630 (LOFT, TAN-716) - One boiler
- TAN-641 (WRRTF) - One main boiler, one backup boiler
- TAN-675 (LOFT/SMC) - Two backup boilers
- TAN-679 (LOFT/SMC) - One main boiler, one backup boiler.

The TAN boilers burn primarily No. 2 grade fuel oil fuel oil. Since these boilers mostly provide steam for space heating, they typically do not run during the summer months. All of the SMC boilers have an oxygen trim to reduce the nitrogen oxide emissions by 11%, and the values reported here reflect that reduction.

Other than the boilers, the only other primary emission sources at TSF that are in operation are at TAN-607, the TAN Hot Shop Building. The Hot Shop is one of the world's largest hot shops, measuring 51 x 165 x 55 ft and is used exclusively as part of DOE's Nuclear Spent Fuel Cask Testing program. All ventilation air exhausts to the main stack, TAN-734, on the northeast end of the building. There is a warm shop adjacent to the hot shop, where low to medium contaminated parts and equipment are fabricated and modified. This air also vents to the main stack. A smaller

hot cell is at the south end of the Hot Shop and is used for study, observation, and analysis of small radioactive objects as well as disassembly and examination of research and commercial fuel rods. This room also vents to the main stack.

Other programs that are supported at TAN-607 include the Three-Mile Island Unit 2 Core Examination Project, where analytical data necessary to understand the Three-Mile Island accident sequence can be collected. Also, the Spent Fuel Program is present in TAN-607, which includes testing fuel storage casks with intact or consolidated fuel and developing a dry rod consolidation technology and prototypical equipment. The SMC Project also occupies the south end of TAN 607 [the Material Development Facility (MDF)] where research and development work is performed in support of the SMC Manufacturing Process.

Primary sources at LOFT, aside from the boilers, would include several sources at SMC, in buildings TAN-629 (the hangar), TAN-679, and TAN-681. Emissions from these stacks are primarily radionuclides from depleted uranium, particulate, nitrogen oxides, and some organics. Since the SMC Project is responsible for most of the activity at the LOFT Area, a thorough description of SMC is provided here.

The SMC Project is an existing facility operated by Babcock & Wilcox Company and is a multi-phased classified project that includes the manufacturing, process reclamation, research and development, and support facilities. The SMC Project builds armor assemblies from various materials, including depleted uranium. The SMC Project produces emissions from chemical and manufacturing process, boilers, storage tanks, emergency generators, and miscellaneous building vents.

The SMC Project consists of MDF, Phase I, Phase II, and support facilities. The project life of the facility is approximately 20 years. Thereafter, it will be decontaminated and decommissioned in accordance with DOE requirements.

MDF is located in TAN-607 at the TSF area of TAN, which is approximately one mile southeast from the main SMC facilities (Phases I and II). A portion of TAN-607 was designated for use as the MDF facility. The MDF is primarily a research and development facility and involves fabrication and assembly operations to produce test size armor assemblies. The process utilizes standard metal working equipment such as punches, shears, brakes, and lasers. About 31,000 square feet is available and includes research and development processes, an analytical laboratory, and a maintenance and machine shop.

Two double-wide trailers on the east side of TAN-607 house Health Physics and locker rooms and provide controlled access to the facility. Other facilities at TSF that support SMC operations include the TAN-602 office building, the TAN-606 carpenter shop, and the TAN-628 hazardous waste storage facility/warehouse.

SMC Phase I facilities, located within the TAN-629 hangar, contain manufacturing processes and space for offices, support functions (e.g., Health Physics, field laboratory), and service areas. Manufacturing processes are semiautomatic systems that manufacture products similar to MDF production on an automated basis to produce full-size armor assemblies at a higher throughput. Total square footage in TAN-629 for SMC use is about 80,000 square feet. TAN-675 is located on the north side of TAN-629 and houses utilities; TAN-677 is located on the south side for truck receiving and loading.

SMC Phase II facilities consist of a manufacturing area, TAN-679, and a Process Reclamation Facility, TAN-681. Phase II production is a manufacturing process and produces deplete uranium metal that is subsequently used as feedstock for Phase I. TAN-679 operations cover an area of 64,000 square feet and include a production line; an area for shipping, receiving, and storage of materials; a Health Physics field office; maintenance area; boiler/utilities area; analytical laboratory; computer room; administrative offices; change room facilities; and a scrap recycle area. In addition, space is provided for other support requirements such as a toolroom, waste storage, rest rooms, and a lunchroom.

The Process Reclamation Facility, adjoining the northwest portion of TAN-679, contains approximately 12,000 square feet for collection, recycling, and disposition of waste and scrap material generated in solid, liquid, and gaseous form. Solid waste, scrap, and recyclable material produced in the manufacturing area are transferred to the facility for processing/packaging as required for storage and disposal. All liquid wastes are collected in storage tanks for treatment at the Process Reclamation Facility. Nitrogen oxide gas streams from the acid bath are piped to the Process Reclamation Facility for processing through a wet scrubber and filters before release to the atmosphere.

There are no primary sources at the WRRTF other than the boilers.

3.8.3 Secondary Sources

TAN has a wide variety of secondary sources, including chemical sources, fuel burning equipment, organic and inorganic storage tanks, and fugitive sources. Chemical sources include fumehoods, paint booths, welding booths, a blue print machine, two chemical mixing tanks, and several miscellaneous sources. Secondary fuel burning equipment includes emergency generators and a heater/furnace.

3.8.4 Summary of TAN Emissions

Table 3-8 is a summary of the principal pollutants from all TAN sources.

Table 3-8. Summary of the totals for each of the principal pollutants at TAN.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	1.012E+01	4.560E+00	2.4E+01	1.1E+02
Nitrogen oxides	4.545E+01	2.050E+01	1.1E+02	5.0E+02
Particulate	4.211E+00	2.561E+00	1.5E+01	5.5E+01
Lead	4.736E-04	1.271E-03	1.7E-03	7.5E-03
Radionuclides[a]	1.742E-03	1.758E-03	1.2E-02	1.4E-01
Sulfur oxides	3.023E+01	7.460E+01	1.1E+02	4.7E+02
VOC - nonmethane	4.4281+01	1.912E+01	6.3E+01	9.6E+01

a. Units in Ci/mo and Ci/yr, respectively.

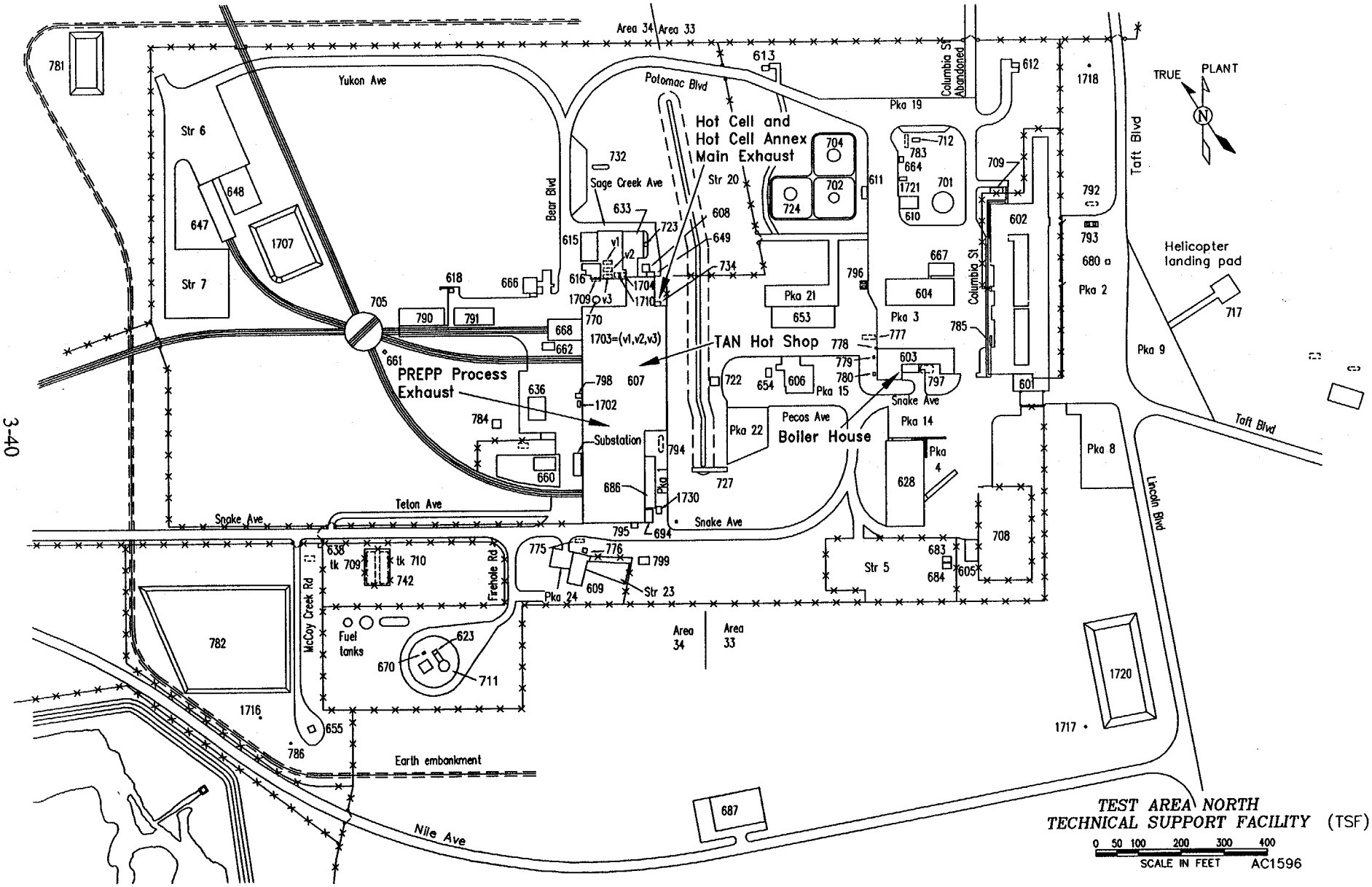

Figure 3-14. Area plot plan of Technical Support Facility.

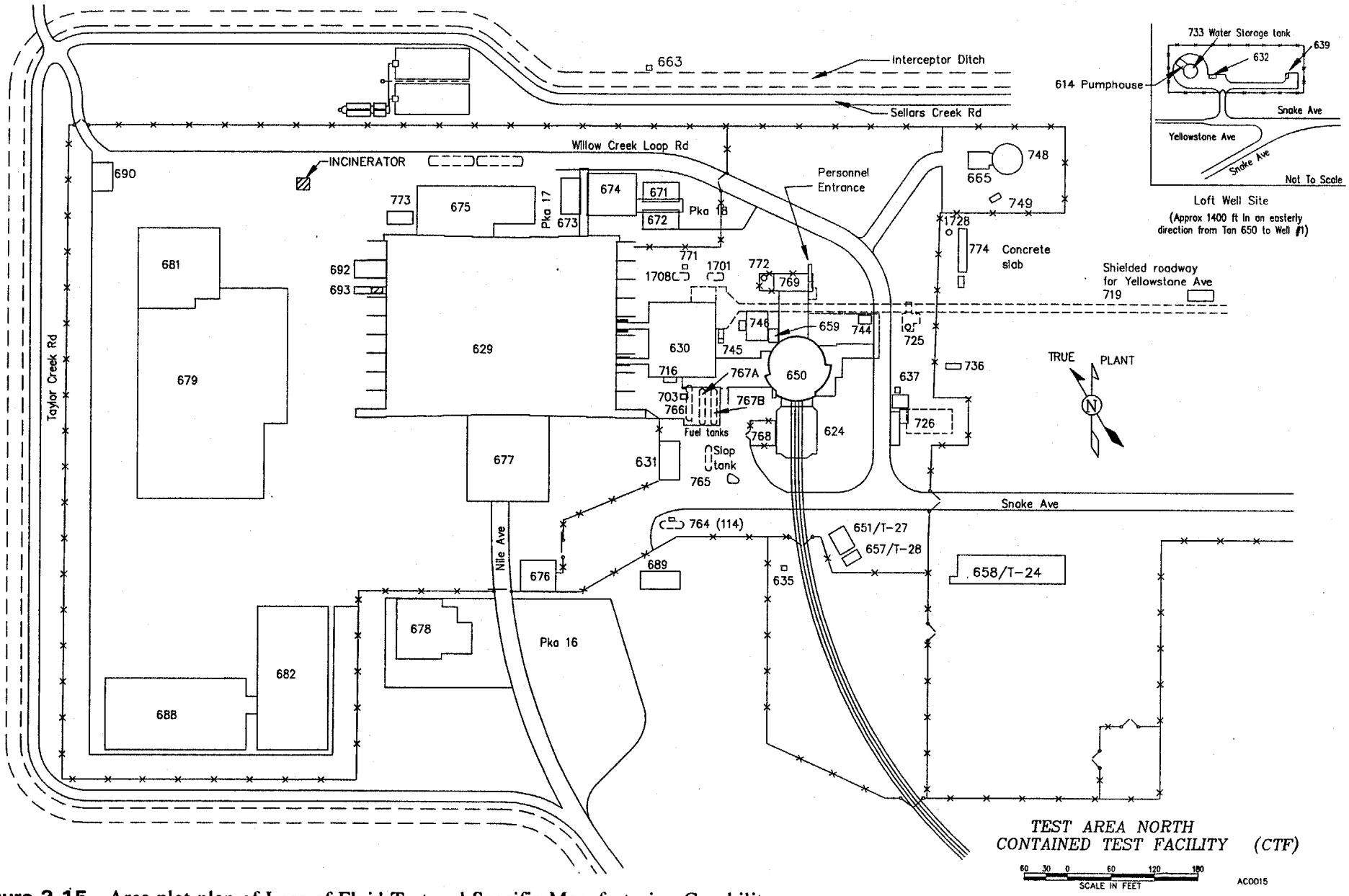

Figure 3-15. Area plot plan of Loss of Fluid Test and Specific Manufacturing Capability area.

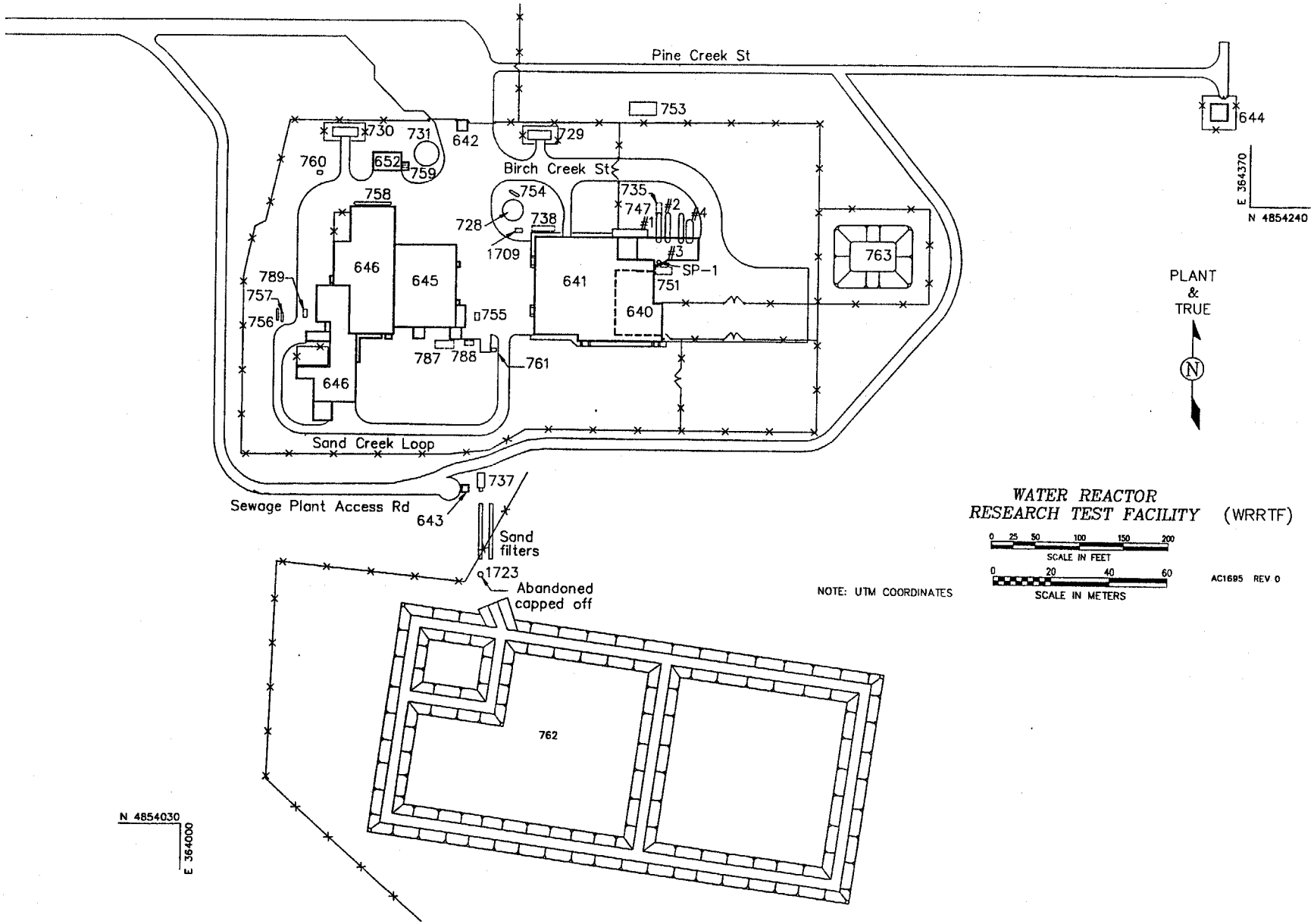

Figure 3-16. Area plot plan of Water Reactor Research Test Facility.

3.9 Test Reactor Area

3.9.1 Area Description

TRA contains nuclear reactors used for testing fuel, materials, and reactor components in the high-neutron environment that can be obtained in the reactors. Three primary test reactors have operated in this area: The Materials Testing Reactor, the Engineering Test Reactor, and the Advanced Test Reactor. Of these reactors, only the Advanced Test Reactor is presently operating or planned to be operated. In addition to the three test reactors, this area contains support facilities for the work routinely conducted in this area, including chemistry laboratories, hot shops for the examination of highly radioactive samples, maintenance shops, water purification facilities, waste management facilities, and other facilities, some of which are currently being decommissioned.

Each reactor has a main stack from which air emissions from that reactor are discharged. This effluent consists of air from the reactor ventilation systems, sampling stations, reactor access areas, fuel storage areas (underwater), and reactor coolant water degassing areas. Since both the Materials Testing Reactor and the Engineering Test Reactor are no longer operating, effluent from these sources are minimal and negligible, respectively. Most of the emissions are radioactive materials that discharge the ventilating or degassing air. Some of the activity is formed when air or other gases become irradiated by the neutron flux in the Advanced Test Reactor. Figure 3-17 shows a plot plan of the TRA.

3.9.2 Primary Source Descriptions

The Advanced Test Reactor stack vents air from the main reactor building (TRA-670) including the main reactor floor and its basements. About 65,000 cubic feet per minute of air circulates through this system, flowing progressively from cleaner areas to the areas where more contamination may be present. The main source of radioactivity is the degassing tanks, where gases in the reactor coolant water are released. About 150 cubic feet per minute of gas comes from this source. Other sources of gas include vents from radioactive waste holding tanks, the experimental cubicle vents, and the reactor cooling air system.

The exhaust to the stack is monitored closely for temperature, flow rate, pressure, and radioactivity. The majority of the activity released is due to noble gas fission products such as krypton and xenon or activation products such as argon. Only about two percent of the activity is due to particulates.

The Engineering Test Reactor ventilating air discharges through the 250-ft high Engineering Test Reactor stack. Discharges are monitored, but since the reactor is no longer operating, the ventilating air contains essentially no activity.

The Materials Testing Reactor offgas system serves the Materials Testing Reactor area including radioactive laboratories. The offgas from laboratories that routinely use acidic materials passes through a caustic scrubber prior to discharge. Other laboratory streams are HEPA filtered before the gas is released. The stack offgas is sampled and monitored, but no activity has been detected since the Materials Testing Reactor was shut down.

The ventilation systems for most TRA-604 laboratory fumehoods and several TRA-661 laboratory fumehoods exhaust out a stack that is attached to the west side of the Materials Testing Reactor building (TRA-603). The vent emits a small quantity of VOCs and radioactivity. The exhaust stream goes through a HEPA filtering system, is monitored for radioactivity, and then emits out the stack.

The Hot Cell building, TRA-632, contains three hot cells for handling radioactive materials; the hot cell, the light cell, and the heavy cell. The cells are used for the assembly, disassembly, or destruction of radioactive materials. The light cell is also used for metallography. All three exhaust stacks are monitored for radioactivity by a common constant air monitor. All exhaust streams pass through a HEPA filtration system and an iodine removal system, either activated charcoal or silver-zeolite. A very small amount of decontamination work is also performed in the cells.

3.9.3 Secondary Sources

TRA has numerous secondary radiological sources, including radiological fumehoods used for research and analysis.

Other secondary sources of emissions include a fumehood where only organic material is prepared for analysis, one welding hood, one metallizer hood, and two out-of-service radiological sources. The fumehoods are mainly used for either research or analysis. Some of the "radiological only" fumehoods are strictly used for sample preparation. Some of the chemicals emitted from various fumehood stacks are VOCs, nitric acid, and perchloric acid.

VOCs in the storage tanks include diesel fuel, unleaded gasoline, and recycled oil. Also included was a room exhaust where 55-gallon drums of lube oil are stored and dispensed. The fuel burning equipment includes two large bore diesel generators at the Advanced Test Reactor facility, an emergency diesel generator, and two emergency diesel fire pumps. The two fire pumps both have dual exhausts, one for each side of the engine. The inorganic storage tanks contain sulfuric acid and sodium hydroxide. These materials are used in the demineralization system and for the cooling tower system.

3.9.4 Summary of TRA Emissions

Table 3-9 is a summary of the totals for each of the principal pollutants.

Table 3-9. Summary of principal pollutants at TRA.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	2.207E+01	2.737E+01	3.1E+01	1.3E+02
Nitrogen oxides	9.209E+01	1.054E+02	1.3E+02	5.7E+02
Particulate	9.089E+00	1.547E+01	1.3E+01	5.5E+01
Lead	2.384E-04	2.647E-04	3.4E-04	1.5E-03
Radionuclides[a]	1.352E+02	1.622E+03	9.9E+02	4.3E+03
Sulfur oxides	6.389E+00	7.584E+00	8.9E+00	3.9E+01
VOC - nonmethane	3.483E+01	8.770E+00	3.8E+01	4.2E+01

a. Units in Ci/mo and Ci/yr, respectively.

Figure 3-17. Area plot plan of the Test Reactor Area.

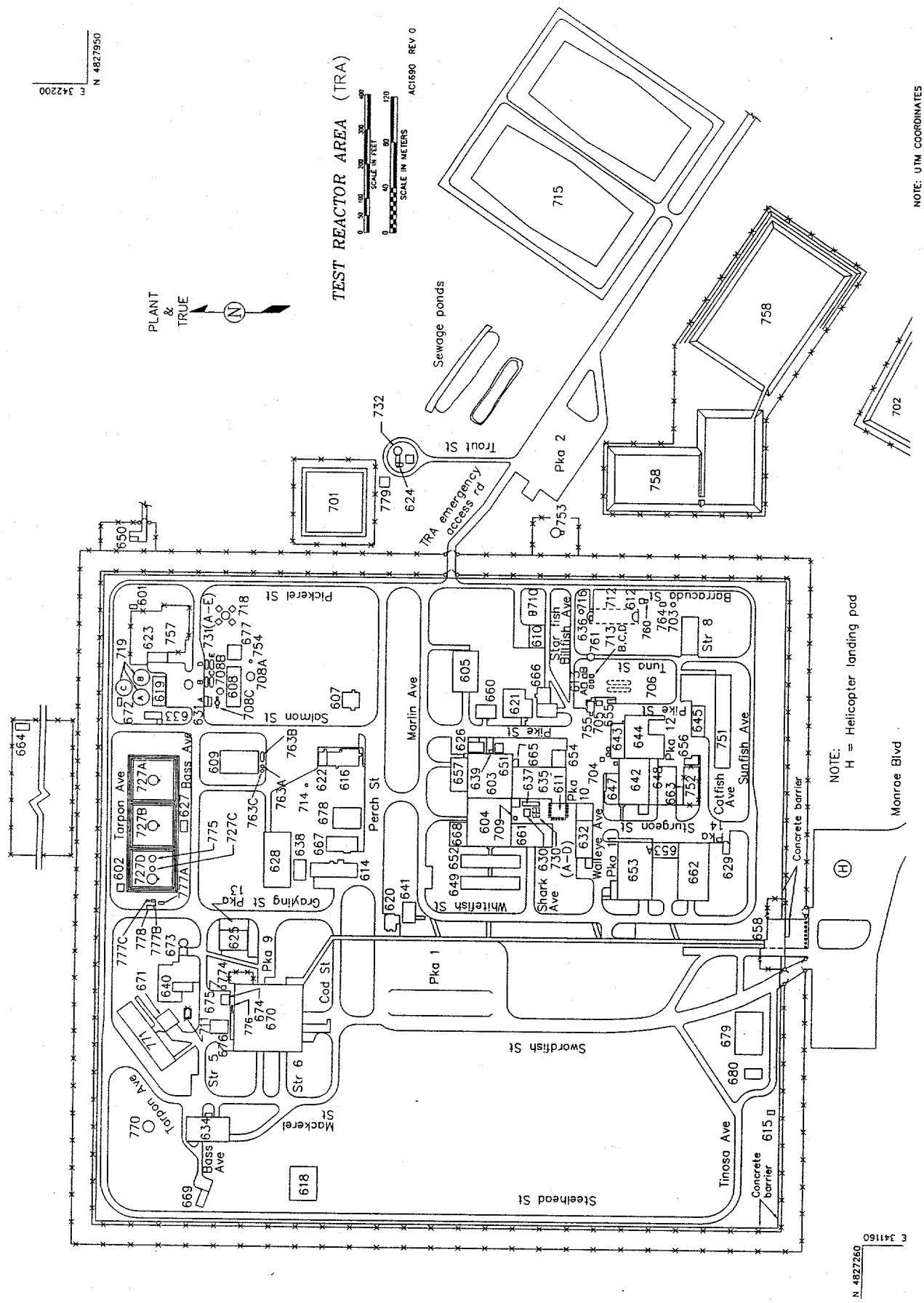

Figure 3-17. Area plot plan of the Test Reactor Area.

3.10 Auxiliary Reactor Area, Boiling Water Reactor Experiment, Experimental Breeder Reactor I, and Initial Engine Test

ARA consisted of four small reactor areas that operated between 1957 and 1965. Since that period, all reactors have been dismantled, and for a while, the space was used for offices, testing, and laboratories. Now, because of many factors including radioactive contamination, ARA is no longer in use and has been placed on the INEL's decontamination and decommissioning list. Boilers, lab hoods, engines, main stacks, and other equipment have all been disconnected, dismantled, and their respective stacks sealed off from the inside of the building. All water and electricity have also been discontinued to the area.

ARA-IV (ARA-IV-001) is still in use at times for the destructive disposal of explosive chemicals and old live artillery shells from the Navy Gunnery Range that are periodically found around the INEL. ARA-IV (ARA-IV-002) also periodicly operates an ongoing metals research project. The project focuses on the use of explosives for development of high strength metal alloys. Table 3-10 presents a summary of the principal pollutants from ARA-IV. Figure 3-18 is a map of the overall ARA area, and Figures 3-19 to 3-21 are plot plans of ARA-I, -II, and -III, respectively.

The BORAX reactor area and EBR-I were early projects of the Argonne National Laboratory and the predecessors of the EBR-II reactor and the Argonne Lab at the INEL. The BORAX area was used between 1954 and 1964. At present, the buildings in the area have been completely decontaminated and decommissioned, torn down, and much of it buried in place. Hence, there are no sources of emissions remaining at BORAX. Figure 3-21 is a plot plan of BORAX-V, the most recent of the BORAX projects.

EBR-I, 1.5 miles north-east of the RWMC, was the world's first breeder reactor and the first reactor to produce peace-time power. Because of its historical significance, EBR-I has been designated a national historic monument and is open during the summer months for tourists to visit. There are no remaining emission sources at EBR-I. Figure 3-22 is a plot plan of the EBR-I and WMO area.

The Initial Engine Test (IET) at TAN is located approximately one mile due north of the TSF area. This area includes buildings and structures that were built in support of the nation's Aircraft Nuclear Propulsion project of the 1950s. It was later used for the Space Nuclear Auxiliary Power Transient Program of the 1960s, and then the Hallam Decontamination and Decommissioning in 1977 and 1978. The facility has been inactive for many years and is presently on the INEL's decontamination and decommissioning list. There are no longer any emission sources at IET. Figure 3-23 is a plot plan of the IET area. All of these areas were inventoried during Phase I of this project, but because of their out of service and decontamination and decommission status, none of these areas housed any sources of emissions and consequently were not included in Phase II of the inventory.

Table 3-10. Summary of emissions at ARA-IV.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	1.760E+00	1.960E-02	3.5E+00	3.9E-02
Nitrogen oxides	6.637E-02	1.254E-03	1.2E-01	2.5E-03
Particulate	9.070E+00	2.010E-01	1.8E+01	4.0E-01
Sulfur oxides	6.637E-03	1.540E-04	1.2E-02	3.1E-04
VOC - nonmethane	4.425E-02	7.983E-04	8.8E-02	1.6E-03

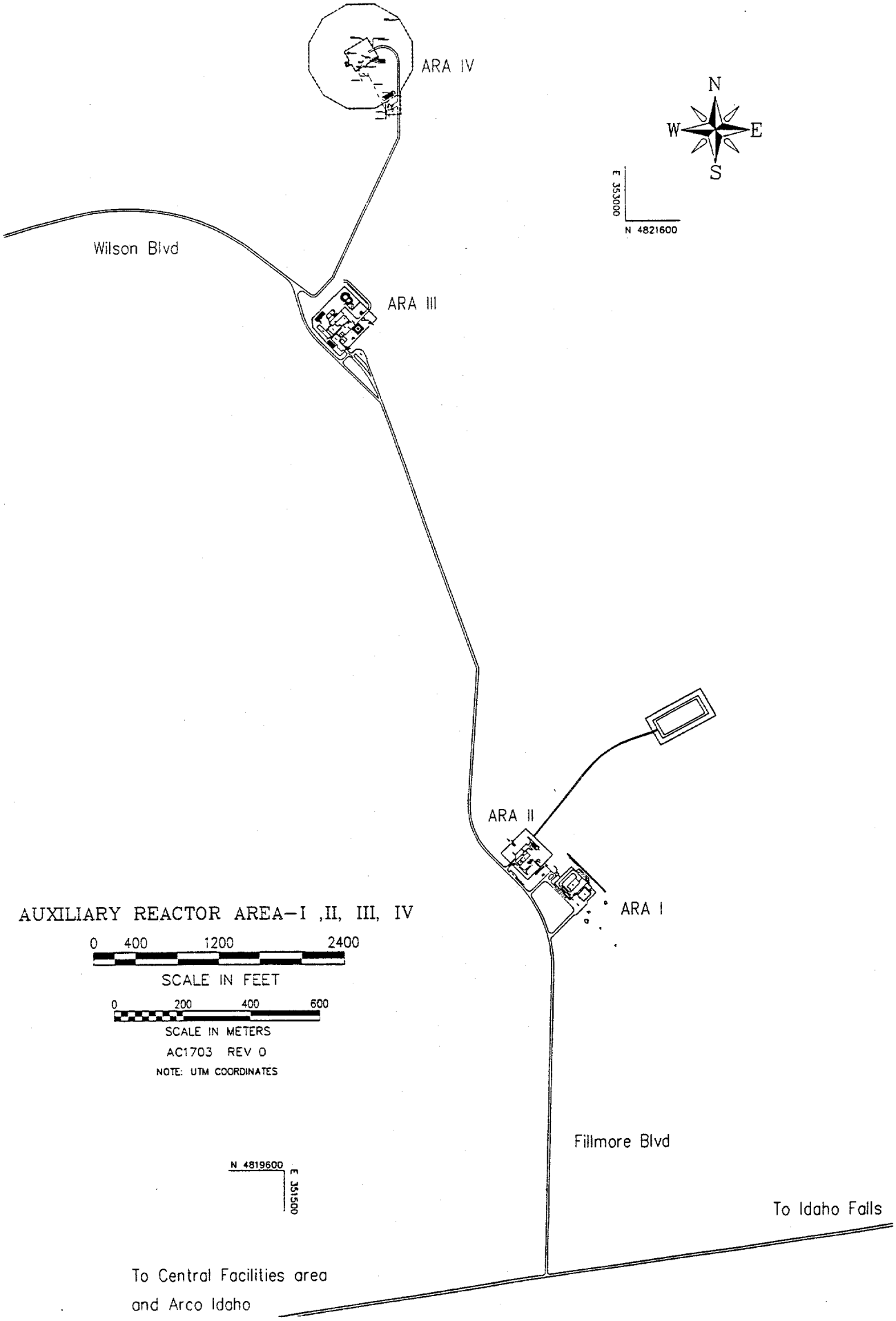

Figure 3-18. Area map of the Auxiliary Reactor Area.

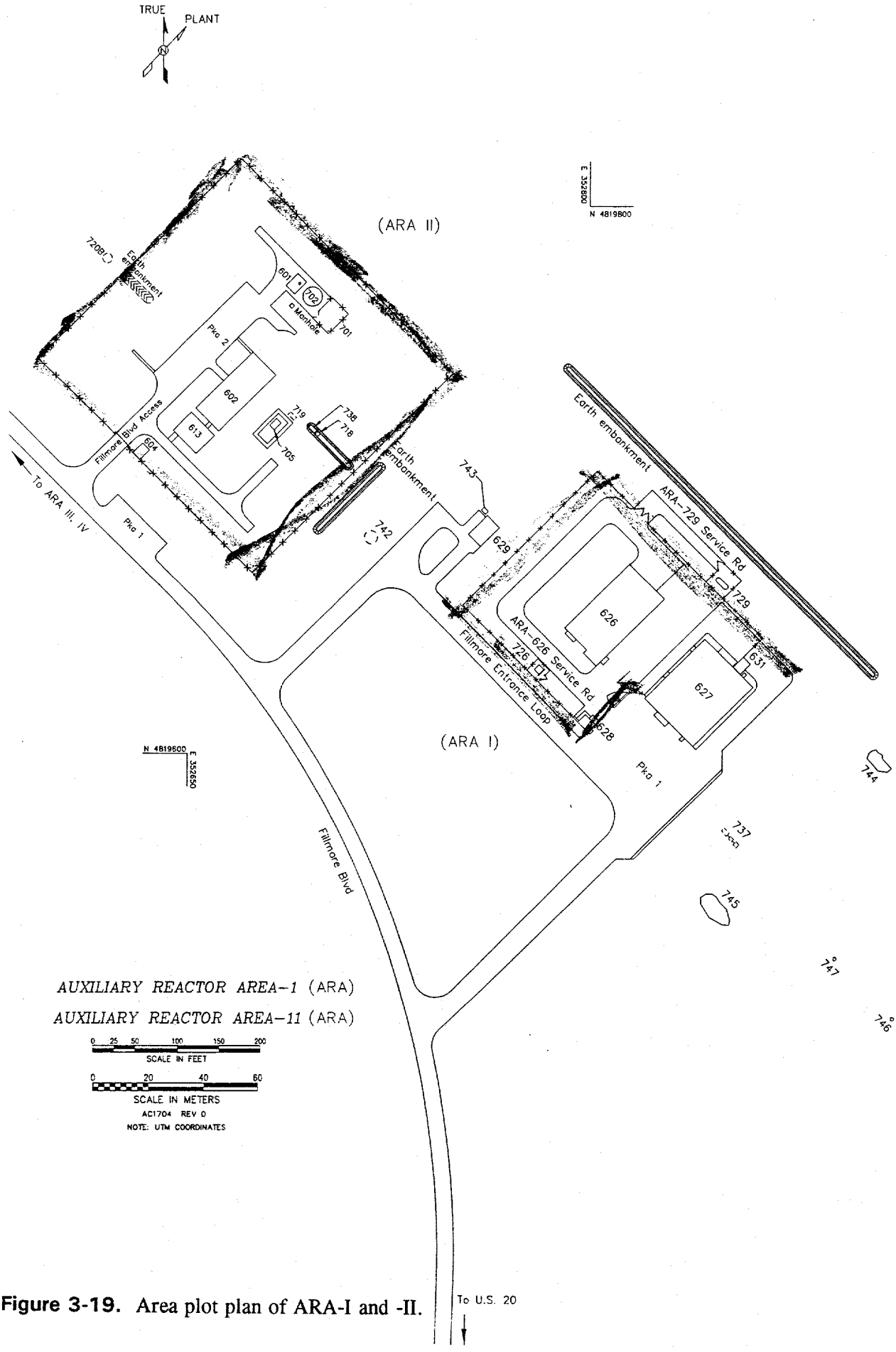

Figure 3-19. Area plot plan of ARA-I and -II.

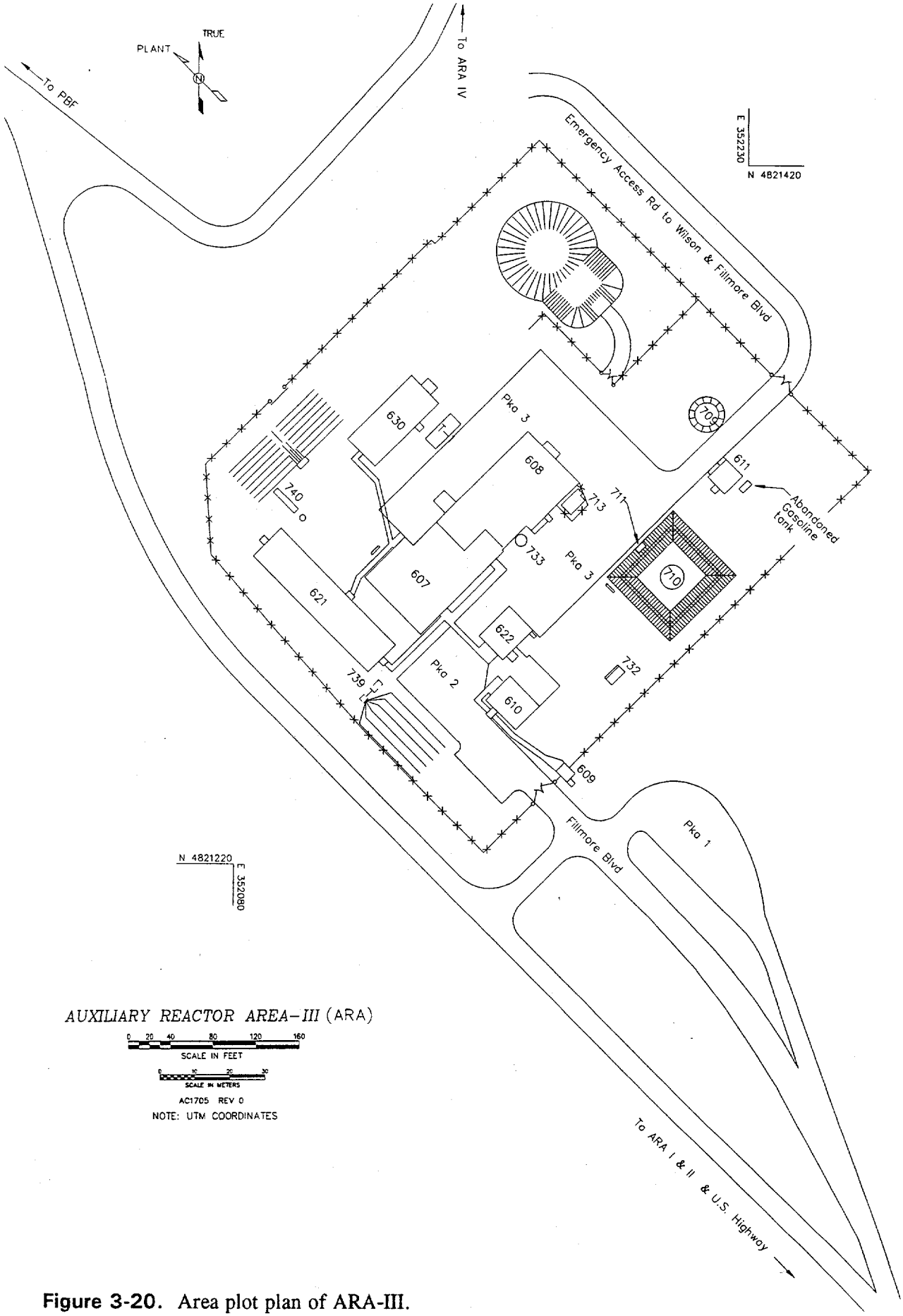

Figure 3-20. Area plot plan of ARA-III.

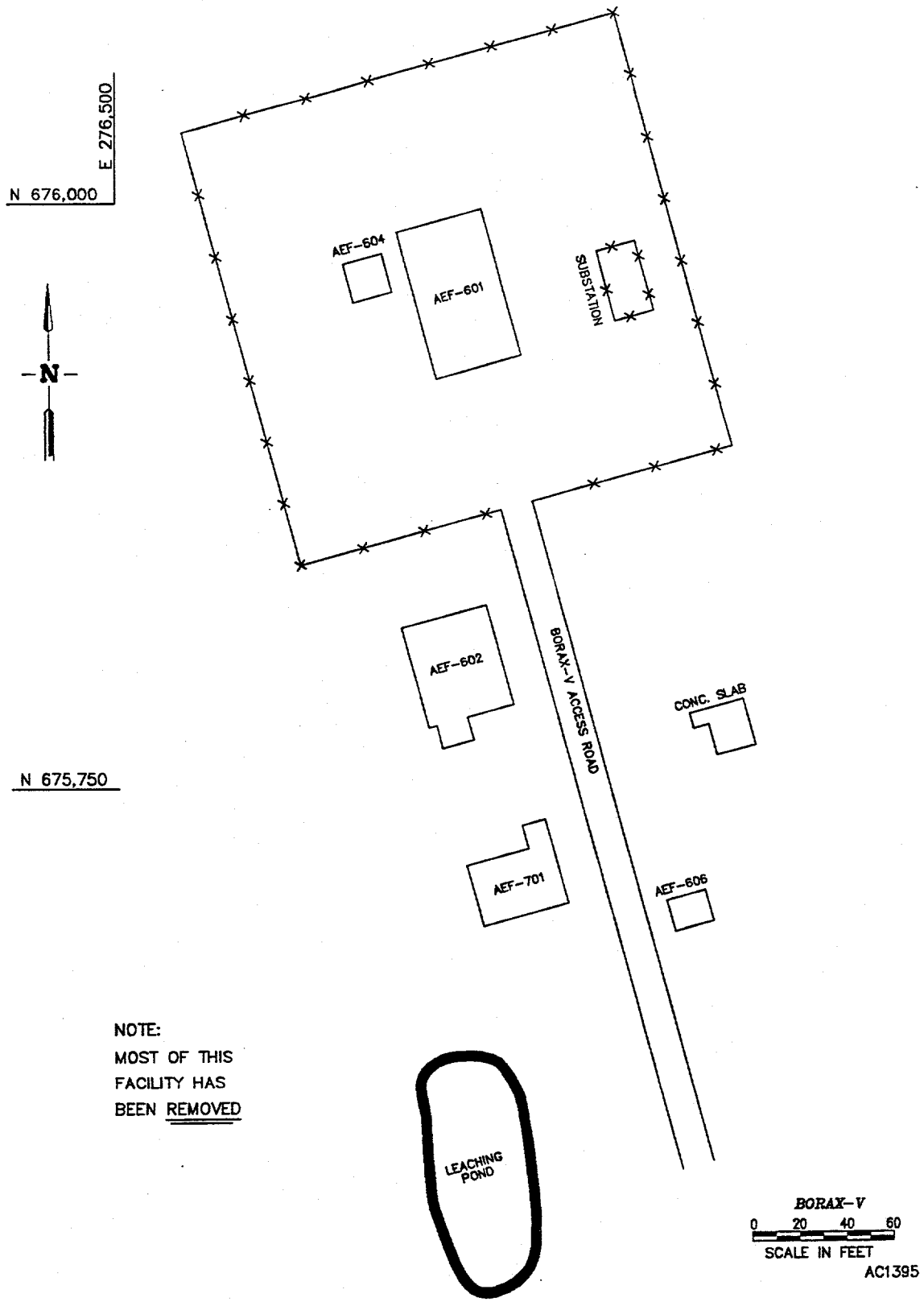

Figure 3-22. Area plot plan of BORAX-V.

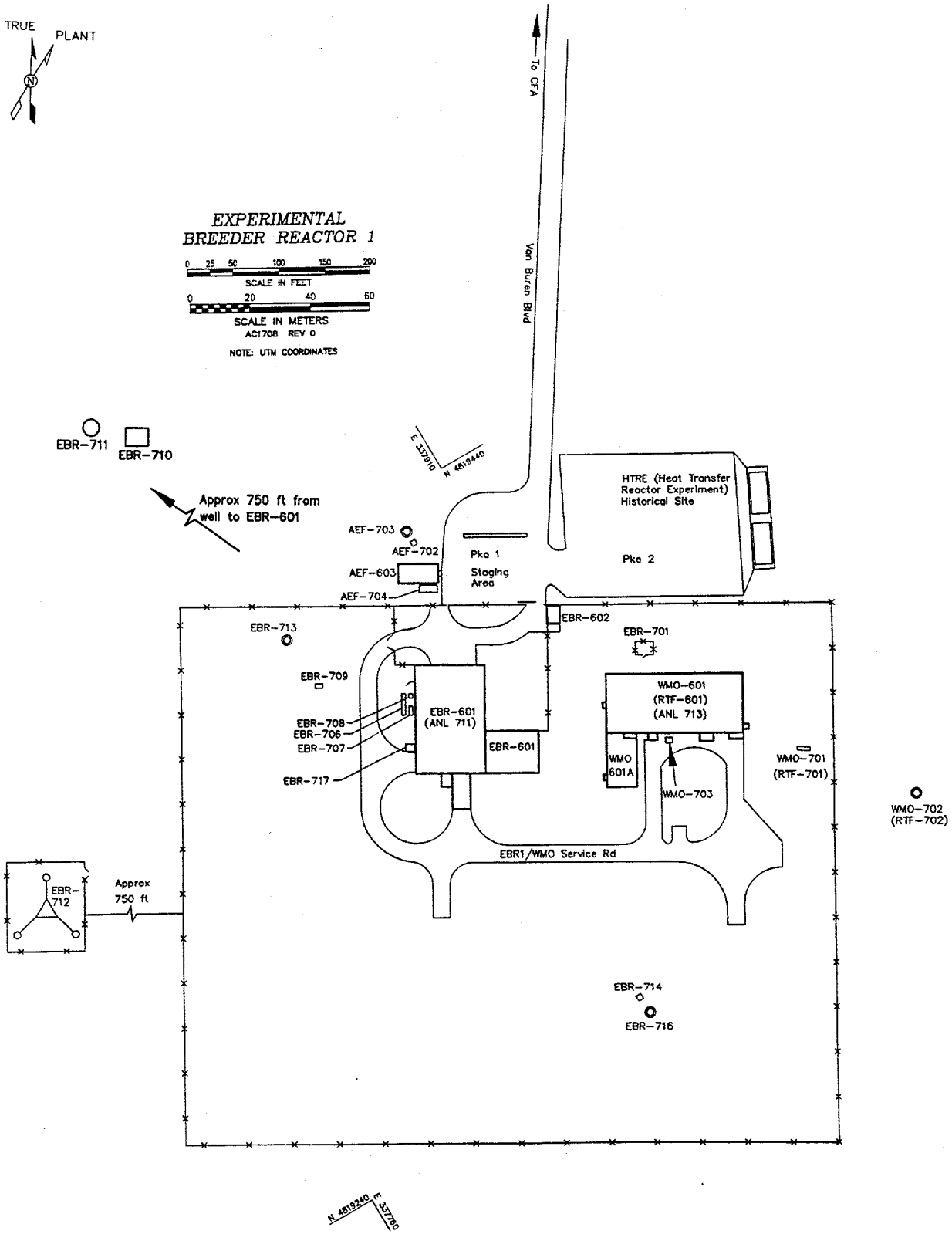

Figure 3-22. Area plot plan of EBR-I.

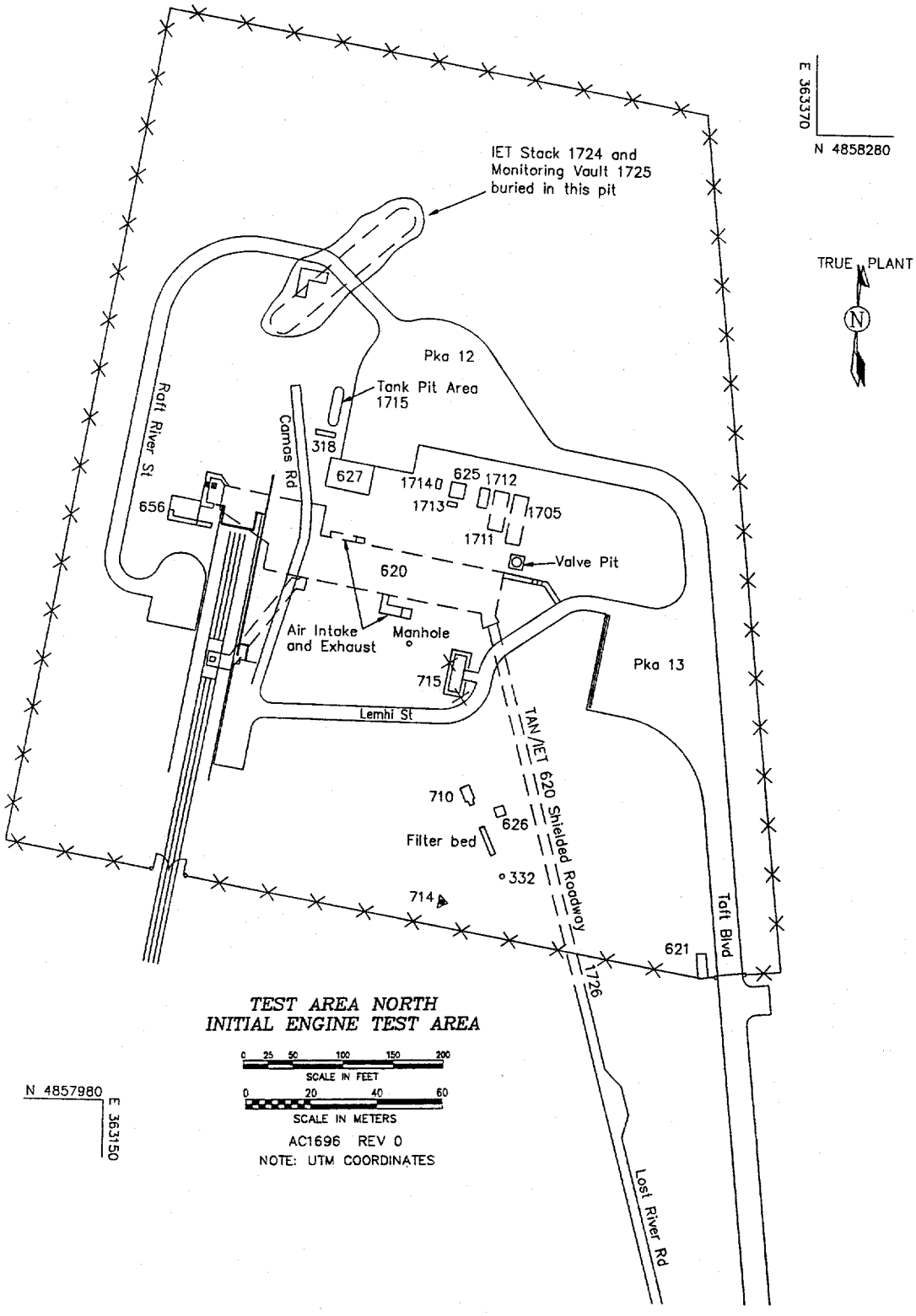

Figure 3-23. Area plot plan of IET.

3.11 Paved and Unpaved Roads

There are several important paved roads on the INEL property, including both public access roads and highways, and INEL controlled roads. The public roads include U.S. Highway 20 from Idaho Falls to Arco, U.S. Highway 26 from Blackfoot to the Junction with U.S. Highway 20 on the INEL, State Highway 28 from Mud Lake to Salmon, State Highway 33 from Mud Lake to Howe, and State Highway 22 from Dubois to the Junction with State Highway 33 on the INEL. INEL-controlled roads include Lincoln Boulevard from CFA to TAN, all connecting roads from either a highway or Lincoln Boulevard to each specific area, and paved roads within each area. The following assumptions were used to calculate the emissions from the paved roads: roads at the INEL are collector streets and traffic volume on U.S. Highway 20 is 2,340 vehicles per day. No other traffic volume data is available, so the assumptions are that the particulate emissions are double for all the paved roads on U.S. Highway 20 and that vehicles travel an average of 20 miles per day onsite.

$$\frac{2{,}340\,\text{vehicles}}{\text{day}} \times \frac{20\,\text{miles}}{\text{day}} \times \frac{365\,\text{days}}{\text{year}} = \frac{17{,}082{,}000\,\text{miles}}{\text{year}}.$$

Several unpaved roads traverse the INEL, though they are very seldom used. The security guards travel these roads most frequently, though there is some secondary amount of traffic due to sampling teams. The estimate used for vehicle miles traveled on the unpaved roads is 3,000 miles per year, and the mean vehicle weight is assumed to be two tons (mostly heavy four-wheel drive vehicles.)

Table 3-11 is a summary of the estimated particulate emissions from all the roads at the INEL. The only emission type considered for both paved and unpaved roads is particulate.

Table 3-11. Particulate emissions from roads.

	Emissions	
Road type	lb/hr	ton/yr
Paved roads	81.1	222
Unpaved roads	165.6	10
Total	246.7	232

3.12 Summary of 1993 Emissions at the INEL

For the purpose of the Air Emission Inventory, the INEL is considered a single contiguous facility, even though the emission points are divided among distinct areas within the site. Table 3-12 summarizes the total emissions of the criteria pollutants and radioactivity over the entire INEL. Results are given as an emission rate (lb/hr, Ci/mo) and as annual release (tn/yr, Ci/yr) for stationary sources.

Table 3-12. 1993 emissions for the INEL.

Pollutant	Actual Hourly (lb/hr)	Actual Annual (tn/yr)	Maximum Hourly (lb/hr)	Maximum Annual (tn/yr)
Carbon monoxide	3.2E+02	4.7E+02	8.7E+02	3.4E+03
Nitrogen oxides	8.17+02	7.0E+02	2.7E+03	1.1E+04
Particulates	3.6E+02	4.1E+02	9.4E+02	2.2E+03
Lead	1.5E-02	4.5E-03	6.7E+01	2.9E+02
Radionuclide[a]	2.2E+02	2.6E+03	1.6E+05	2.4E+04
Sulfur oxides	2.8E+02	2.4E+02	8.6E+02	3.8E+03
VOC - nonmethane	6.7E+02	7.0E+01	8.4E+02	9.1E+02

a. Units in Ci/mo and Ci/yr, respectively.

4. EMISSIONS ESTIMATES FOR MOBILE SOURCES

The INEL maintains a large inventory of vehicles to support operations. Vehicles include light-duty gas vehicles, heavy-duty diesel vehicles, buses, and construction equipment. EPA AP-42II was used to estimate emissions from the INEL mobile sources. The data and emissions calculations are maintained on a commercial spreadsheet.

Buses transport workers from the surrounding communities of Idaho Falls, Shelley, Firth, Arco, Rexberg, Pocatello, Rigby, Blackfoot, and Mackay to various locations on the INEL site. A number of buses are also maintained to provide emergency evacuation services for INEL employees. Heavy-duty diesel vehicles include garbage trucks, dump trucks, delivery trucks, and other miscellaneous nonconstruction-type equipment. Construction equipment includes gas-powered and diesel-powered front loaders, forklifts, dump trucks, cranes, scrapers, and other miscellaneous vehicles and equipment.

4.1 Emission Estimates for Buses and Heavy-Duty Diesel Vehicles

The INEL maintains a working inventory of approximately 265 heavy-duty diesel vehicles, comprising 140 buses, 38 evacuation buses, and 87 typical heavy-duty diesel vehicles. EPA AP-42II provides a specific methodology for estimating emissions from transit buses that operate at low speeds with high acceleration and deceleration rates. The INEL buses do not operate as typical transit buses and therefore are assumed to approximate heavy-duty diesel vehicles. Because of similarities between buses and trucks, EPA AP-42II allows for estimating emissions for buses by using the heavy-duty diesel vehicle emission factors.

EPA AP-42II, Chapter 7, presents the methodology and emissions factors for estimating emissions for heavy-duty diesel vehicles. To provide VOC, carbon monoxide, and nitrogen oxide emissions estimates for heavy-duty diesel vehicles, the model year, total mileage, annual mileage, average speed, fraction of time on the INEL proper, and fraction of time at idle was collected for each heavy-duty diesel vehicle. The emissions estimates are based on adding the emission estimates from driving and idling for each heavy-duty diesel vehicle. The emission rate (ER) from driving is calculated from multiplying the basic emission rate (BER) by a speed correction factor (SCF), as provided in Equation (4-1).

$$ER = BER \times SCF. \tag{4-1}$$

The speed correction factor is calculated by Equation (4-2).

$$SCF = \exp[A + (B \times s) + (C \times s)^2] \tag{4-2}$$

where

A, B, C = emission coefficients (AP-42II, Table 2.7.6)
s = average vehicle speed (miles/hour).

The basic emission rate is calculated by Equation (4-3).

$$BER = ZML + (DR \times M) \quad \textbf{(4-3)}$$

where

ZML	=	zero mile emission level in g/mile/10,000 miles (AP-42II, Table 2.7.1)
DR	=	deterioration rate (AP-42II, Table 2.7.1)
M	=	total mileage/10,000 miles.

The annual emissions released while driving for each vehicle is calculated by multiplying the emission rate in grams per mile by annual mileage.

The idle emission rate is calculated by Equation (4-4).

$$IER = ZML + (DR \times M) \quad \textbf{(4-4)}$$

where

IER	=	idle emssion rate
ZML	=	zero emission level in g/mile (AP-42II 2.7.3)
DR	=	deterioration rate in g/min/mile (AP-42II 2.7.3)
M	=	total mileage/10,000 miles.

The annual carbon monoxide, VOC, and nitrogen oxide emissions released while at idle for each vehicle is calculated by multiplying the idle emission rate in grams per minute by the minutes spent at idle in one year. The annual emissions for each heavy-duty diesel vehicle are calculated by adding the emissions attributed to driving and to idling for each vehicle. The total annual carbon monoxide, VOC, and nitrogen oxide emissions for all heavy-duty diesel vehicles is calculated by summing the individual heavy-duty diesel vehicle annual emissions.

For estimating particulate emissions from heavy-duty diesel vehicles, the model year and annual mileage was collected for each heavy-duty diesel vehicle. The emissions estimates are calculated for each heavy-duty diesel vehicle by Equation (4-5).

$$EF = (0.7 \times M_d \times CF) + (0.0128 \times M_b) \quad \textbf{(4-5)}$$

where

EF	=	particulate emission factor in gram/mile
M_d	=	particle size distribution factor (AP-42II, Table 2.20)
CF	=	correction factor (AP-42II, Table 2.21)
M_b	=	particle size distribution factor (AP-42II, Table 2.20).

The annual particulate emissions is calculated by multiplying *EF* by annual mileage for each vehicle. The total annual particulate emissions for all heavy-duty diesel vehicles is calculated by summing the individual heavy-duty diesel vehicle annual particulate emissions.

The hourly (lb/hr) emissions estimates for all pollutants are derived by dividing the total annual emissions of a given pollutant by the assumed operating schedule. All heavy-duty diesel vehicles are assumed to operate 10 hours/day, 5 days/week, and 52 weeks per year, or approximately 2,600 hours/year.

4.2 Emission Estimates for Light-Duty Gasoline Vehicles

The INEL maintains a working inventory of approximately 880 light-duty gasoline vehicles. The majority of the light-duty gas vehicles are used to transport employees from the outlying communities to the various INEL locations. Other uses of light-duty gas vehicles include employee and sample transportation for the Idaho Falls facilities and the INEL facilities.

EPA AP-42II, Chapter 1, presents the methodology and emissions factors for estimating emissions for light-duty gasoline vehicles. To calculate VOC, carbon monoxide, and nitrogen oxide emissions estimates for light-duty gas vehicles, the model year, total mileage, annual mileage, average speed, fraction of time on the INEL proper, and fraction of time at idle was collected for each light-duty gas vehicle. The emissions estimates are based on adding the emission estimates from driving and idling for each light-duty gas vehicle.

The methodology for calculating the light-duty gas vehicle emission mirrors the methodology for calculating heavy-duty diesel vehicle emissions. The emission rate from driving is derived by multiplying the basic emission rate by a speed correction factor, as provided in Equation (4-6).

$$ER = BER \times SCF \qquad (4\text{-}6)$$

where the speed correction factor is assumed to be 1.0 for light-duty gas vehicles.

The basic emission rate is calculated by Equation (4-7).

$$BER = ZML + (DR \times M) \qquad (4\text{-}7)$$

where

ZML	=	zero mile emission level in g/mile/10,000 miles (AP-42II, Table 2.1.1A)
DR	=	deterioration rate (AP-42II, Table 2.1.1A)
M	=	total mileage/10,000 miles.

The annual emissions released while driving for each vehicle is calculated by multiplying the emission rate in grams per mile by annual mileage.

The idle emission rate is calculated by Equation (4-8).

$$IER = ZML + (DR \times M) \qquad (4\text{-}8)$$

where

ZML	=	zero emission level in g/mile (AP-42II 2.1.3)

DR = deterioration rate in g/min/mile (AP-42II 2.1.3)
M = total mileage/10,000 miles.

The annual carbon monoxide, VOC, and nitrogen oxide emissions released while at idle for each vehicle is calculated by multiplying the idle emission rate in grams per minute by the minutes spent at idle in one year. The annual emissions for each light-duty gas vehicle are calculated by adding the emissions attributed driving and emissions attributed to idling for each vehicle. The total annual carbon monoxide, VOC, and nitrogen oxide emissions for all light-duty gas vehicles is calculated by summing the individual light-duty gas vehicle annual emissions.

For estimating particulate emissions from light-duty gas vehicles, the model year and annual mileage was collected for each light-duty gas vehicle. The emissions estimates are calculated for each light-duty gas vehicle by Equation (4-9).

$$EF = (0.7 \times M_d \times CF) + (0.0128 \times M_b) \quad \textbf{(4-9)}$$

where

EF = particulate emission factor in gram/mile
M_d = particle size distribution factor (AP-42II, Table 2.20)
CF = correction factor (AP-42II, Table 2.21)
M_b = particle size distribution factor (AP-42II, Table 2.20)

The annual particulate emissions is calculated by multiplying *EF* by annual mileage for each vehicle, and the total annual particulate emissions for all light-duty gas vehicles is calculated by summing the individual light-duty gas vehicle annual particulate emissions.

The hourly (lb/hr) emissions estimates for all pollutants are derived by dividing the total annual emissions of a given pollutant by the assumed operating schedule. All light-duty gas vehicles are assumed to operate 10 hours/day, 5 days/week, and 52 weeks per year, or approximately 2,600 hours per year.

4.3 Emission Estimates for Construction Equipment

The INEL maintains a working inventory of approximately 108 pieces of construction equipment. EPA AP-42II Section II-7 presents the methodology and emissions factors for estimating emissions for light-duty construction equipment. To provide VOC, carbon monoxide, nitrogen oxide, and particulate emissions estimates for construction equipment, the annual hourly usage was collected. EPA AP-42II, Section II, Table II-7.1, presents the emission factors for diesel powered construction equipment, and EPA AP-42II Section II, Table II-7.2, presents the emission factors for gasoline powered construction equipment.

As defined by EPA AP-42II, the construction equipment are divided into ten different categories, comprising tract-type tractor, wheeled tractor, wheeled dozer, scraper, motor grader, wheeled loader, tracktype loader, off-highway truck, roller, and miscellaneous equipment. EPA AP-42II provides emission factors for each pollutant type for each category.

The emissions for each piece of equipment is calculated by multiplying the corresponding equipment and pollutant emission factor (lb/hr) by the annual hourly usage. The total annual

emissions is calculated by summing the individual annual emissions. The hourly emissions for construction equipment emissions are calculated by dividing the total annual emissions by the total operating hours of the construction equipment.

4.4 Vehicle Emission Estimate Assumptions

Several assumptions are required to estimate vehicle emissions and provide a more conservative, or overestimated, emissions estimate.

- Vehicles receive typical in-use maintenance.
- Vehicles are not involved in an inspection and maintenance program.
- Crankcase and evaporative hydrocarbon emissions are insignificant.
- Hydrocarbon emissions are total hydrocarbons and include methane, aldehydes, and other non-VOC hydrocarbons.
- Vehicles operate in a hot stabilized condition.
- Ambient temperature has no affect on emissions estimates.
- Tire wear particulate is larger than 10E-6 m.
- High altitude emission factors apply.
- Humidity correction for nitrogen oxides calculation is not applicable.
- If a vehicle or construction equipment cannot be readily classified into EPA AP-42II types, the worst-case classification is used.
- Miscellaneous correction factors for the light-duty gas vehicle do not appreciably improve emission estimates.
- Particulate emissions for light-duty gas vehicles approximate heavy-duty diesel vehicle particulate emissions; therefore, the same methodology for calculating particulate emissions is utilized.
- Light-duty gas vehicle speed correction factor equals 1.
- Heavy-duty diesel vehicle and light-duty gas vehicles operate 10 hours/day, 5 days/week, and 52 weeks per year, or approximately 2,600 hours/year.

4.5 Mobile Emissions Estimates for 1993

Mobile emissions estimates for 1993 were calculated with the updated emission factors as presented in EPA AP-42IIA. Table 4-1 presents the emissions estimates for each vehicle type and Table 4-2 presents the total emissions estimates.

Table 4-1. Vehicle fleet emissions for the INEL, 1993.

Vehicle Emissions	lb/hr	ton/yr
Buses		
VOC	5.79	7.52
CO	16.03	20.83
NOx	16.00	21.80
PM	1.70	2.21
Construction Equipment		
VOC	1.29	3.47
CO	16.48	40.58
NOx	2.18	9.57
PM	0.19	0.84
Diesel Vehicles		
VOC	2.69	3.50
CO	6.54	8.50
NOx	6.77	8.80
PM	0.69	0.90
Gasoline Vehicles		
VOC	5.77	7.5
CO	76.23	99.1
NOx	6.54	8.5
PM	7.16	11.3

Table 4-2. Total estimated annual emissions.

	1993 Emissions	
Emissions	lb/hr	ton/yr
VOC	15.54	21.99
CO	115.28	169.02
NOx	31.49	47.67
PM	9.74	15.25

5. EMISSIONS ESTIMATES FOR STATIONARY SOURCES

The following describes the various calculations used to estimate the emissions from sources based on the data collected in the initial Phase II of the inventory and each successive update. Each section includes a list of assumptions that were made and calculational methods as applicable. Appendix C presents the data used to calculate the 1993 Air Emission Inventory.

One of the important considerations for regulatory purposes is an understanding of maximum emissions. Currently, the inventory requires the estimation of maximum emissions for each source. Maximum emission estimates represent emissions associated with the maximum operation of the given source. Sources with permits have already had maximum values attributed to them, and these have been included in the inventory as they appear in the permit or application. Other maximum values were estimated as outlined in the following sections. If a maximum emission estimate could not be determined, the actual emission estimates are utilized as the maximum emissions estimates.

Several calculations are performed by the database. The types of sources that the database produced calculations for are diesel and gas engines; boilers, furnaces, and heaters; and volatile organic compound storage tanks. AP-42 equations and tables were used in the calculations.

5.1 Industrial Engine Emissions

5.1.1 Methodology and Assumptions

Industrial stationary engines are commonly used throughout the INEL for emergency electrical power generation and water pumping. These sources generally operate on a routine schedule of 0.5 hours per week. This routine operation and maintenance is required to ensure that the systems are ready when needed. The operation schedule during an emergency is dependent on the nature of the problem. Based on discussions with the maintenance people around the facility, the usual power outage lasts from 1 to 4 hours. Power outages occur infrequently and at any time, so a specific schedule is impossible to predict.

Two basic categories of engines with two fuel types are covered by these calculations. These categories generally include gasoline and diesel industrial engines with power ratings up to 600 hp and large bore diesel engines with displacements greater than 560 $in.^3$/cylinder. Emissions from these sources include carbon monoxide, hydrocarbons, nitrogen oxides, sulfur oxides, lead, and particulates. The emissions for these sources are estimated based on published emission factors found in EPA's AP-42 Volume I.

A few industrial engines at the INEL have horsepower ratings in excess of 600 hp but are not classifiable as large bore diesel engines. A consultant from Radian reviewed this issue, and after talking with the respective manufacturers of these engines, determined that the AP-42 factors for engines under 600 hp were appropriate in each case.

Assumptions:

- Operation schedule was based on routine operation according to information supplied by maintenance personnel.

- The primary method for estimating emissions was based on fuel consumption. Generally, fuel figures were available for most engines and were a better estimate than estimating an operating schedule.

- If fuel consumption figures were not available, estimates were based on engine power and operating schedule.

- Where several engines are operated from a common fuel tank, the fuel consumption for each engine was based on the ratio of each engine's power rating to the total for all the engines.

The following steps are required to estimate the emissions from industrial engines.

1. Determine engine size (horsepower, cubic inch displacement).

2. Look up emission factors in AP-42, Table 3.3-1.

3. Apply factor to either the fuel consumed or the operating schedule, and convert the units to pounds per hour and tons per year.

In the event that the data were limited, maximum and actual fuel consumption rates were sometimes obtained by one of the following methods. Since most of the engines at the INEL are for emergency purposes, they typically run only during preventative maintenance checks. Mechanics at several areas indicated that the engines are checked at 50% load. A large quantity of data was collected to determine on the average what percentage of the maximum fuel throughput is burned at 50% load, and it was determined to be roughly 50%. Therefore, if the maximum throughput was known, but not the actual, the actual was assumed to be 50% of the maximum, assuming that virtually all run time is at 50% load. Likewise, if the actual was known but not the maximum, the same relationship was assumed to be true. In some rare cases, no information was available, and throughputs were determined to be the same as for similar engines with the same horsepower rating.

It was also determined to be necessary to check the validity of some throughput data since it appeared that the assumed throughput compared to the horsepower was indicating engine efficiency well in excess of the 35% average. To do this, a spreadsheet was developed with all the engines and their respective throughputs and horsepowers included. The efficiency was calculated and those with suspiciously high values were re-checked and corrected.

5.1.2 Maximum Emission Estimates

The method for determining maximum emissions from all standard sources of fuel burning equipment was identical to the AP-42 method used to calculate actual emissions. The only difference is that the maximum rate of fuel consumption for 8,760 hours of operation is applied to the emission factors. The maximum fuel consumption rate was generally available from information either directly on the piece of equipment or from data provided by vendors. In a few instances, assumptions had to be made based on a knowledge of operation schedules. For example, most emergency generators are operated for a known period of time each week for preventive maintenance purposes. When they do run, they typically run at 50% load. Vendor data indicates that on the average, when an industrial engine runs at 50% load, the fuel consumption rate is roughly 50% of the maximum. Therefore, if normal consumption rates are known from fuel tank loading information, then a good approximation of the maximum fuel consumption rate can be made knowing this 50% relationship. Sometimes it

was useful to work this same relationship the other way, estimating the normal rate of consumption when only the maximum was known.

5.1.3 Calculations Performed by the Database

The emission calculations for internal combustion engines (diesel and gas) used the following equation.

Gal/year × AP-42 factor (lb/1,000 gal)/2,000 (lb/ton)/1,000 = yearly emission (ton/year).

Using the operation schedule provided on the data sheets, the hourly emissions were calculated as follows.

Gal/hr × AP-42 factor (lb/1,000 gal)/1,000 = hourly emission (lb/hr).

5.2 Boiler Emissions

5.2.1 Methodology and Assumptions

Boilers are used throughout the INEL primarily to provide space heating and process steam. Boiler fuels range from natural gas to coal. Boiler sizes range from residential sized heaters (greater than 1E+06 Btu/hr) to the large coal fired steam generation facility at ICPP (8.3E+07 Btu/hr). Boiler operation schedules vary depending on operations, weather, and reactor schedules. Because of the critical need for boilers in several areas, many boiler installations include up to 100% backup capacity for emergency purposes. These backup boilers are generally only operated for maintenance purposes. The best way to determine boiler use is to measure boiler fuel consumption. Fuel consumption automatically takes into account both hours of operation and boiler load. Fuel consumption figures are typically well documented and reliable.

Boiler emissions include carbon monoxide, nitrogen oxides, sulfur dioxide, volatile organics, lead, and particulates. These emissions are estimated using published emission factors found in AP-42.

Assumptions:

- Operation schedule is based on best estimates of boiler operators or maintenance staff.
- Emission estimates are primarily based on the annual fuel consumption.
- When several boilers share a common fuel source, the emissions for each boiler are based on the ratio of the individual capacity to the total capacity.
- During the initial inventory process, the sulfur content for No. 2 fuel oil was considered to be 0.24 weight percent, and 0.9 weight percent for No. 5 fuel oil. However, per the present vendor contracts, the current emissions estimates use the sulfur content of No. 2 fuel oil as 0.5 weight percent and the sulfur content of No. 5 fuel oil as 1.5 weight percent.

- In several instances, a boiler may burn a mixture of No. 1 fuel oil and No. 2 fuel oil; in such cases, the emissions estimates assumed all fuel burn is represented by No. 2 fuel oil.

The following steps are required to determine the emissions from boilers.

1. Determine fuel type (coal, oil, natural gas).

2. Determine boiler capacity (utility, industrial, commercial, residential).

3. Look up emission factor in appropriate AP-42 table (Table 1.3-1, AP-42, Vol. 1).

4. Multiply emission factor by fuel consumed and correct units to lb/hr or ton/year.

5.2.2 Maximum Emission Estimates

The method for determining maximum emissions from all standard sources of fuel burning equipment was identical to the AP-42 method used to calculate actual emissions. The only difference is that the maximum rate of fuel consumption for 8,760 hours of operation is applied to the emission factors. The maximum fuel consumption rate was generally available from information either directly on the piece of equipment or from data provided by vendors. In a few instances, assumptions had to be made based on a knowledge of operation schedules. For example, most emergency generators are operated for a known period of time each week for preventive maintenance purposes. When they do run, they typically run at 50% load. Vendor data indicates that on the average, when an industrial engine runs at 50% load, the fuel consumption rate is roughly 50% of the maximum. Therefore, if normal consumption rates are known from fuel tank loading information, then a good approximation of the maximum fuel consumption rate can be made knowing this 50% relationship. Sometimes it was useful to work this same relationship the other way, estimating the normal rate of consumption when only the maximum was known.

5.2.3 Calculations Performed by the Database

The emission calculations for boilers, heaters, and furnaces used the following equation.

Gal/yr × AP-42 factor(lb/1,000 gal)/2,000 (lb/ton)/1,000 = yearly emission (ton/yr).

Using the operation schedule provided on the data sheets, the hourly emissions were calculated as follows:

Gal/year × AP-42 factor (lb/1,000 gal)/1,000 = hourly emission (lb/hr).

5.3 Radionuclide Sources

5.3.1 Methodology and Assumptions

Data from monitored INEL radiological sources is managed by EG&G Idaho's Environmental Support Group. The annual *National Emission Standards for Hazardous Air Pollutants (NESHAPs) for INEL Radiological Emissions Report* (DOE-ID 1990) and the annual/monthly Radioactive Waste

Management Information System reports are utilized for reporting the emissions of monitored radiological sources. The types of information collected include the activity for major radionuclide types, gross alpha, gross beta/gamma, stack air flow, and physical stack dimensions.

Emission estimates for nonmonitored sources were obtained from NESHAPs permits and safety documentation and by process knowledge. The annual NESHAPs report also provides information regarding nonmonitored sources.

5.3.2 Maximum Emission Estimates

A majority of the maximum values for radionuclide sources not covered by permits were obtained from *NESHAPs 40 CFR 61.93 Monitoring Requirements for Radiological Emission Sources at INEL* (DOE-ID 1990). This document provides unabated emission estimates based on process design and operating parameters, or monitoring data. Since the completion of the above report, reassessment of several radiological sources resulted in changes to the associated maximum emissions. The changes to the reassessed maximum emission estimates are represented in the current annual NESHAPs report and the current Air Emission Inventory report. The maximum unabated values are considered to be the maximum values for radiological sources for the inventory.

5.4 Laboratory Fumehood Calculations

5.4.1 Methodology and Assumptions

Many of the buildings at the INEL have laboratories with fumehoods. These hoods are used for chemical analysis, radiological analysis, chemical storage, and research and development. The types of pollutants that may be involved include acids, bases, volatile organics, particulates, and a variety of other chemicals and gases that may or may not be of regulatory concern. The majority of hoods are used mostly for precautionary measures or infrequent experimental work, but some are used routinely for both research and analysis.

In general, process knowledge provides the emissions estimates for laboratory fumehoods. Process knowledge included laboratory fumehood chemical inventories and associated uses. Because of the wide variety of materials that could be used in a laboratory hood, the laboratory custodians and technicians were relied upon to provide information about potential emissions based on knowledge of hood use and present programs. Whenever there was any question about quantities that were actually emitted, the most conservative estimate was used. The most conservative estimate is to assume 100% of the chemical inventory are emitted. Whenever possible, log books were referred to for the numbers and types of analysis/experiments that are performed in specific hoods over a period of several months.

Assumptions:

- Acids and bases are not emitted unless they are heated or boiled off, in which case 100% is assumed emitted.

- 100% of the volatile organic compounds are vented unless there is knowledge of disposal procedures that can account for a known percentage of volatile organic compounds used in the hoods.

- Solid chemicals mixed in solution remain in solution and are not otherwise emitted to the atmosphere.

- Laboratories with more than one hood are assumed to emit an equal distribution of the identified quantities of pollutants from that lab, unless the custodians specifically indicate otherwise.

5.4.2 Maximum Emission Estimates

As with radionuclide sources, it is very difficult to quantify the maximum amount of material that could be emitted from a laboratory fumehood. The only reasonable means for doing so in the context of this inventory was to assume that the actual emission rate was reasonably representative of the maximum and multiply that value by 8,760 hours to obtain the maximum yearly emissions.

5.5 Painting Operations Calculations

5.5.1 Methodology and Assumptions

A variety of painting operations occur at the INEL, including spray booths, brush applications inside craft shops, spraying and brushing on location, paint mixing, and brush/equipment cleaning. The paint booths are typically the only sources with a designated blower specific to that source. Any painting that occurs elsewhere in the shop is either considered to be vented from a nearby room exhaust, or through the paint booth, whichever is most appropriate.

For convenience, all painting that occurs on location around the INEL is attributed to the paint shop that supplied the paint, and all emissions are assumed to vent with the paint booth. Information about the materials used in the paint booths was provided by shop managers and material safety data sheets.

Emissions estimates associated with painting operations were hand calculated and based on process knowledge of the given operation. The database does not provide calculations for these types of operations.

Assumptions:

- 100% of VOCs from paint is emitted

- 15% of paint solids is emitted from spraying activities

- 0% of solids is emitted from brush application activities

- 40% of lacquer thinner and other thinners is evaporated to the atmosphere (60% is disposed of in satellite accumulation areas)

- 10% of mineral spirits solvent is evaporated to the atmosphere (90% is disposed of in satellite accumulation area)

- All painting operations are associated with a vent

- 90% filter efficiency for particulate in spray booth

- 0% filter efficiency for all volatile organic compounds, as well as for particulate from activities outside the spray booth

- Typical operating schedule (if not provided by operator) is 4 hours/day, 5 days/week, 52 weeks/year, or 1,040 hours per year.

5.5.2 Maximum Emission Estimates

Maximum emission estimates from paint booths are based on the assumption that the average spray gun can spray 2.5 gallons of paint per hour and that 100% of the solvents purchased for paint thinning and brush cleaning are emitted. An emission rate can then be determined in the same manner as for the actual emissions, assuming 8,760 hours of operation.

5.6 Organic Storage Tank Calculations

5.6.1 Methodology and Assumptions

Organic storage tanks are used primarily for fuel oil and gasoline storage, and occasionally for solvent storage. Most of tanks are underground, but a few of them are aboveground, and can be either outside or inside a building. Emissions from tanks occur when the vapor space is either pressurized by a change in temperature or pressure, relieving the pressure by breathing out of the vent (*breathing loss*), or when the tank is filled, displacing the vapor out of the tank (*working loss*). Aboveground tanks are much more susceptible to daily temperature changes, and tank color and paint condition were considered in calculating their emissions.

Organic storage tanks that are aboveground with a horizontal orientation pose a unique problem from an AP-42 standpoint, since the empirical equation is specifically for vertical tanks. The equation considers the tank diameter as a function of the liquid surface area, but clearly the diameter on a horizontal tank will have a much different effect on the surface area than will the diameter of a vertical tank. In order to correct for this, an average surface area is computed for horizontal tanks, and then an equivalent diameter factor is calculated based on that area. This diameter is then inserted into the AP-42 equation directly as though it were for a vertical tank.

Assumptions:

- Daily temperature change of underground tanks and inside tanks is approximately zero, and therefore the breathing loss is also approximately zero

- Average atmospheric pressure is 12.3 psi

- Working loss emissions are equal to volume of vapor displaced by fuel during tank filling. The number of times the tank is filled is assumed to be equal to the annual throughput/volume of the tank.

- The vapor space height for horizontal cylindrical tanks is approximated as though the tank were of square cross section. This greatly simplifies the calculation.

- The fill rates of the tanks were provided by the EG&G Idaho Traffic Division as follows:

  Above ground tanks: trucks pump at 200 gal/min
  Underground tanks: gravity fed at 100 gal/min
  CFA-754 and TAN-702, -704, and -724: self pumping at 90 gal/min.

5.6.2 Maximum Emission Estimates

Currently, the inventory does not provide for maximum calculations for organic storage tanks. The recently published Supplement E to EPA AP-42 provides emissions estimates that approximate the maximum emissions for storage tanks. The Air Emission Inventory System will be upgraded to reflect EPA AP-42 emissions estimates for maximum emissions from organic storage tanks. If a maximum value for a tank was not provided, the Air Emission Inventory System assigns the actual emissions estimates to the maximum.

5.6.3 Calculations Performed by the Database

In calculating the emissions from breathing losses, the equation on page 4.3-5 of AP-42 was used. The average ambient diurnal temperature change was assumed to be zero for tanks that were below ground or inside of buildings. Equation (2), on page 4.3-8 of AP-42, was used to calculate the emission from working loss. Both of these produce values given in lb/year and were divided by 2,000 lb/ton to achieve an answer in tons/year.

The hourly emissions for organic storage tanks were calculated by adding the hourly emissions for breathing loss and working loss. The hourly emissions for working loss were calculated by determining the minutes of operation for each tank by the following:

Gal/yr / Fill rate (gal/min) = minutes of operation per year (min/yr)

and

Annual emissions (ton/yr) × 2,000 (lb/ton) × 60 (min/hr)/minutes of operation (min/yr) = emissions per hour (lb/hr).

The hourly emissions for breathing loss were calculated by determining the hours of operation for each tank by the following:

Annual emissions (ton/yr) × 2,000 (lb/ton)/hour of operation (min/yr) = emissions per hour (lb/hr).

5.7 Emissions from Welding Operations

5.7.1 Methodology and Assumptions

Welding operations are located at ANL-W, CFA, ICPP, and TAN. During welding, a percentage of the welding rod is deposited and the balance goes to fume. The fumes are then

removed by the ventilation system and released to the atmosphere. In order to calculate the amount and composition of the fume released to the atmosphere, the type and amount of welding rod used per year at each welding operation, the percentage of welding rod used that goes to fume for each rod type, the composition of the fumes from each rod type, and the stack parameters of the ventilation systems information was collected.

Assumptions:

- All fumes produced during welding are vented through the stack on the associated ventilation system.
- Fumes produced during tungsten inert gas welding are negligible (Barnes, Tak) and thus are not considered.
- The percent fume generated and fume constituents will be the same for welding rods of the same type but different manufacturers.
- For modeling purposes, all welding fumes generated in a building will be vented to the atmosphere through one stack.

Formula:

$$\text{Amount of rod used} \times \frac{\text{weight \% of fumes}}{100} = \text{fumes generated (lb)}$$

$$\text{Fumes generated (lb)} \times \frac{\text{weight \% of constituent}}{100} = \text{constituent generated (lb).}$$

5.7.2 Maximum Emission Estimates

The maximum emissions from welding booths are based on welders' estimates that each welder in any given booth can burn a maximum of ten pounds of weld rod per hour. Multiplying the particulate factors for ten pounds per hour provides the emission rate, and multiplying the rate by 8,760 hours per year gives the annual maximum quantity.

5.8 Main Stacks

5.8.1 Methodology and Assumptions

Main stacks are large emission points that consist of several effluent streams culminating in a single, typically very large stack, such as the ICPP main stack. Each main stack is unique: processes that it exhausts are peculiar to that stack alone. The general method used for determining the emissions from these sources is to track each individual effluent stream to its source and estimate the emissions. The main stack's emissions then are the sum of each contributing source. Main stack emission estimates were determined using stack monitoring results, process knowledge, existing permits, permit applications, engineering drawings, interviews with cognizant engineers, and calculations.

5.8.2 Maximum Emission Estimates

The maximum emissions for main stacks were typically determined from either permit values or cognitive engineers. Some National Environmental Policy Act documents, including environmental assessments, were also used.

5.9 Paved and Unpaved Roads

Fugitive dust from paved and unpaved roads is calculated using AP-42, Volume 1, Section 11.2. The particulate matter from paved roads includes reentrained mineral matter as well as particulates emitted directly by the vehicle, such as engine exhaust, wear of bearings and brake linings, and tire wear. For unpaved roads, the primary source of particulate will be the silt in the road itself that is kicked up in the wake of a passing vehicle.

For the sake of the inventory, a generic source number had to be attributed to the roads to match the format for the rest of the database. Hence, paved roads have been given the source number INEL-100-001, and unpaved roads have been given the source number INEL-101-001.

Assumptions:

- All paved roads on the INEL are collector streets as defined in Section 11.2 of AP-42, Volume 1.
- The only significant traffic on unpaved roads is by the security guards that patrol the INEL.
- Silt content on the unpaved roads is approximately the same as for the surrounding soil. A value of 25% silt is used ("Generalized Geologic Framework of the National Reactor Testing Station, Idaho," R.L. Nace, P.T. Voegeli, J.R. Jones, and M. Deutsch, Geological Survey Professional Paper 725-B, 1975).
- Average traveling speed on unpaved roads is 25 mph.
- 2,340 vehicles/day on U.S. Highway 20 on the average. This data is collected on U.S. Highway 20 approximately 5 miles west of Idaho Falls and includes the INEL bus fleet. Because no data is available for any of the other roads that cross the INEL, the inventory simply doubles the number of vehicles that travel on U.S. Highway 20 and assumes that it is representative of the daily traffic on site (i.e., 4,680 vehicles/day)

5.10 Miscellaneous Sources

5.10.1 Methodology and Assumptions

Occasionally during the inventory, a source was encountered that did not fit into any of the above categories. Each of these had to be handled on a case-by-case basis. Calculations were typically based on a set of assumptions that allowed these sources to be characterized in a fashion similar to other more familiar sources. These assumptions and calculations were documented and attached to the field data sheets.

5.10.2 Maximum Emission Estimates

Unusual or unique source types that did not fit the above source types had maximum emissions calculated on a case by case basis. The most common method was to assume that the hourly emission rate was the maximum and multiply by 8,760 hours for the annual quantity. If a maximum emission estimate could not be assigned, the actual emissions estimates were utilized as the maximums.

6. REFERENCES

DOE-ID, 1993, *Idaho National Engineering Laboratory Technical Site Information*, DOE/ID-10401, May 1993.

DOE-ID, 1992, *Air Emission Inventory for the Idaho National Engineering Laboratory—1990& 1991 Emissions Report*, U.S. Department of Energy, Field Office, Idaho, DOE/ID-10433(92), June 1992.

DOE-ID, 1991, *Air Emission Inventory for the Idaho National Engineering Laboratory*, DOE/ID-10432(91), March 1991.

DOE 1990, *NESHAPs 40 CRF 61.93 Monitoring Requirements for Radiological Emission Sources at INEL*, DOE/ID-10310, November 1990.

EPA, *Compilation of Air Pollutant Emission Factors*, U.S. Environmental Protection Agency, AP-42, current revision.

Appendix A

Phase I & II Forms

Vent No.: _____
Date: _____

DOE-ID ECO Air Emission Inventory - 1989

Team Members: _____
_____
_____

Area Contact: _____

Phone: _____ Mailstop_____

Building No.: _____

Building Name: _____
_____

Building/Structure Description:___
_____
_____

Vent Location: _____
_____

Vent Description: _____
_____

Stack Information:

Diameter _____ Height Above Ground _____
Color _____ Height Above Roof _____

TYPE OF VENT

- ☐ HVAC Exhaust*
- ☐ Process Exhaust*
- ☐ Fugitive Source*
- ☐ Other (Specify)

SOURCE TYPE

- ☐ Combustion Source
- ☐ Storage Tank (VOC)
- ☐ Fumehood
- ☐ Radiological Process
- ☐ Admin. Area
- ☐ Area Source
- ☐ Storage Area (Specify)
- ☐ Chemical Process
- ☐ Storage Tank (Other)
- ☐ Degreaser
- ☐ Steam/Air Vent
- ☐ Maintenance Area
- ☐ Other (Specify)

*If this type of vent is checked be sure to evaluate if source type is applicable.

COMMENTS:
_____
_____
_____
_____
_____

DOE/ECO Rev. 1
Form 1

DOE-ID ECO Air Emission Inventory - 1989

Team Members: _____	Building No.: _____
_____	Building Name: _____
_____	_____
_____	Building/Structure Description:___
Area Contact: _____	_____
Phone: _____ Mailstop_____	_____

Source Number	Data Sheet (Yes or No)	Description (type and location)

DOE-ID ECO Air Emission Inventory Phase II, 1990

Team	Date	Contact Phone Number
Source Number (Area - Building - Source Number)		

PROCESS DATA

Process Description _____

Manufacturer _____ Model Number _____	Operating Schedule _____ hrs/day _____ days/week _____ weeks/year
Permit ___Yes ___No Application ___Yes ___No	Flow Sheet ___ Yes ___No

STACK DATA

Stack Height Above Roof _____ ft Roof Height Above Ground _____ ft or Stack Height Above Ground _____ ft	Inside Diameter _____ in Vol. Flow Rate _____ ft^3/min or Exit Velocity _____ ft/min
Ground Elevation of Stack/Bldg. (ft)	Exit Gas Temperature (Indicate if Room Temp. or ambient) _____ ^oF

UTM Coordinates of the Stack (If Area Source, Give UTM for Southwest Corner)

_____ N _____ E

DATA CATEGORY

Chemical Sources ☐	Storage Tanks for Inorganic Liquids ☐
Fuel Burning Equipment ☐	Other _____
Storage Tanks for Liquid Fuels, Solvents, and Other Volatile Organics ☐	

Source Number

Comments:

References (People or documents):

Prints or photos:

DOE-ID ECO Air Emission Inventory Phase II-1990
Chemical Sources

Source Number	Date	Team

Type of Material Handled or Emitted

- Laboratory Chemicals ☐
- Paints, Thinners, Glues, Lacquers, etc. ☐
- Metals (fumes) ☐
- Radionuclides ☐
- Other (specify) _____

Physical State of Pollutants (Solid-Bulky, Powder; Liquid-Bulk, Mist; Gas)

_____
_____
_____

Method of Disposal of Waste Materials _____

_____
_____
_____
_____

Method to Control Fugitive Emmissions _____

_____
_____
_____
_____
_____
_____
_____

Process Name/Description

- Storage ☐
- Research ☐
- Analysis ☐
- Paint Booth ☐
- Weld Booth ☐
- Batteries ☐
- Acid/Base Mix Tank ☐
- Other (specify) _____

_____
_____

Is this a multi-source vent?

___Yes ___No

DOE-ID ECO Air Emission Inventory Phase II-1990
Fuel Burning Equipment

Source Number	Date	Team

Fuel Type

Primary _____

Secondary _____

Fuel Consumption Per Quarter as % of Annual

January - March _____ %
April - June _____ %
July - August _____ %
September - December _____ %

Hourly Fuel Consumption

	Primary	Secondary
Maximum amount burned/hour		
Normal amount burned/hour		
or		
Normal amount burned/year		

Equipment Type

- ☐ Boiler
- ☐ Heater
- ☐ Furnace
- ☐ Small Diesel Engine
- ☐ Large Bore Diesel Engine
- ☐ Propane/Butane Burners

DOE-ID ECO Air Emission Inventory Phase II-1990
Storage Tanks for Liquid Fuels, Solvents, and Other Volatile Organic Compounds

Source Number

Date

Type of Storage Tank

- Fixed Roof ☐
- Floating Roof (or internal cover) ☐
- Variable Vapor Space ☐
- Pressure Tank ☐

Material Stored in Tank

Tank Capacity (gallons) _____

Tank Diameter (ft) _____

Tank Length (ft) _____

Annual Throughput (gallons/year)

Source of Tank Contents

- Pipeline ☐
- Tank Truck ☐
- Rail Car ☐
- Other: _____

Tank Location

- Inside Building ☐
- Outside Building ☐

If inside, what is the average room Temperature_____ °F

- Above Ground ☐
- Under Ground ☐

If above ground:

Roof Color _____

Paint Condition(roof)_____

Shell Color _____

Paint Condition(shell)_____

Tank Orientation

- Horizontal ☐
- Vertical ☐

Method of Vapor Recovery_____

Efficiency _____%

Average Percent Full (Converted to Decimal)

APF = _____

Vapor Space Height

If Horizontal, H = (APF)(Diam)=_____Ft

If Vertical H=(APF)(Length)=_____Ft

Is there any air moving through the tank contents such as bubble probes, air purges, sparging, etc?

Air Flow rate = _____Ft^3/Min

Is there an inert gas jacket around the tank?

Throughput-Per Quarter as % of Annual

- January-March _____
- April-June _____
- July-September _____
- October-December _____

- Pollutant Control Equipment ☐
- Pollutant Monitoring Equipment ☐

DOE-ID ECO Air Emission Inventory Phase II-1990
Inorganic Storage Tanks

Source Number

Date

Type of Storage Tank

- Fixed Roof ☐
- Floating Roof (or internal cover) ☐
- Variable Vapor Space ☐
- Pressure Tank ☐

Is the tank agitated? ___Yes ___No
How?_____

Tank Location

- Inside Building ☐
- Outside Building ☐
- Above Ground ☐
- Under Ground ☐

If inside, what is the average room Temperature_____ °F

Material Stored in Tank

Tank Capacity (gallons) _____

Tank Diameter (ft) _____

Tank Length (ft) _____

If above ground:
Roof Color _____
Paint Condition(roof)_____

Shell Color _____
Paint Condition(shell)_____

Annual Throughput (gallons/year)

Source of Tank Contents

- Pipeline ☐
- Tank Truck ☐
- Rail Car ☐
- Other:_____

Tank Orientation

- Horizontal ☐
- Vertical ☐

Method of Vapor Recovery_____
Efficiency _____%

Average Percent Full (Converted to Decimal)

APF = _____

Vapor Space Height

If Horizontal,
H = (APF)(Diam)=_____Ft

If Vertical
H=(APF)(Length)=_____Ft

Is there any air moving through the tank contents such as bubble probes, air purges, sparging, etc?

Air Flow rate = _____Ft^3/Min

Is there an inert gas jacket around the tank?

Throughput Per Quarter as % of Annual

- January-March _____
- April-June _____
- July-September _____
- October-December _____

- Pollutant Control Equipment ☐
- Pollutant Monitoring Equipment ☐

DOE-ID ECO Air Emission Inventory Phase II-1990
Laboratory Fumehood Inventory

Source Number					Research Lab ___					Analytical Lab ___			
Substance	Quantity Used Anually	Org.	InOrg.	Vol.	Sol.	Liq.	Gas	Heat	Rad.	Time of Exposure	Con-tained	Used For	Quantity Disposed

Pollution Control Equipment ☐ Pollution Monitoring Equipment ☐ Additional Sheets ☐

DOE-ID ECO Air Emmision Inventory Phase II-1990
Field Data Form for Surface Coating Operations (Paint Booths)

Source Number	Date: _____ Contact: _____

Type of Coating/Material

Paint	☐	Lacquer	☐	Varnish	☐	Shellac	☐
Enamel	☐	Primer	☐	Thinner	☐	Solvent	☐
Glue	☐	Others _____					

Vendors Data:

	Brand	Ref. Number	Percent Volatiles	Base Metals	Quantity Used/ Disposed of Annualy	
Paint						
Varnish						
Enamel						
Lacquer						
Shellac						
Primer						
Thinner						
Solvent						
Glue						

Pollution Control Equipment ___ Pollution Monitoring Equipment ___ Additional Sheets ___

WELD BOOTH

Welding Activities Conducted in this Booth				Metals			
Welding ☐	Cutting ☐	Brazing ☐	Soldering ☐	Aluminum ☐	Steel ☐	Stainless Steel ☐	Other:_____

BATTERIES

Number of Batteries	Condition of Batteries	Is exhaust powered?

ACID/BASE MIX TANKS

Volume of Tank (gallons)	Is tank covered by something other than hood?	Is tank agitated?

Pollution Control Equipment ☐ Pollution Monitoring Equipment ☐

Comments:

DOE-ID ECO Air Emission Inventory Phase II-1990
Specific Field Data For Classes of Fuel Burning Equipment

Source Number

BOILERS

Boiler Class

Utility ☐ Commercial ☐

Industrial ☐ Residential ☐

Boiler Load (% of full power during normal operation)

_____ %

Heat Usage

%Process _____

%Space Heating _____

Firing Method

Tangentially ☐ Horizontally ☐

Air Atomizing ☐ Other_____

Maintenance Schedule

Rated Heat Input Capacity (BTU/Hr)

GAS/DIESEL INDUSTRIAL ENGINES

Engine Horsepower

_____ Hp

If engine burns gasoline, is there a day tank that feeds the engine?

___Yes ___No

Emergency Use Only?

___Yes ___No

If Yes, how many hours per day is the day tank full?

_____ Per day

Any relevant manufacturers data on releases:_____

LARGE BORE DIESEL ENGINES (560 Cubic Inch Displacement or Larger)

Engine Horsepower

_____ Hp

Emergency Only?

___Yes ___No

Cubic Inch Displacement

_____ In^3

Manufacturer guaranteed releases:_____

Pollutant Control Equipment ☐ Pollutant Monitoring Equipment ☐

DOE-ID ECO Emmision Inventory Phase II-1990
Field Data Form for Liquid Propane Combustion Sources

Source Number	Date
Fuel Type Propane ☐ Butane ☐	Gallons Anually _____ gallons
Fuel Grade A B C D E	Pollutant Control Equipment ☐ Pollutant Monitoring Equipment ☐

Source Number:

Generic Data Form for Special Cases
Phase II

Pollutant Substance	Pollution Code	Emission Factor		Quantity Used Annually	Quantity Disposed Annually	Quantity Vented to Atmosphere	Stack Gas Concentration	Room or Other Atmosphere Concentration	Emission Rate	Emission Units	Percentage of Gross Alpha, Beta-Gamma	Rad Type (α, β, γ)

☐ Continuous Monitoring
☐ Pollution Control Equipment
☐ Sampling
☐ Additional Generic Forms
☐ Estimated
☐ Pollution Monitoring Equipment

Gross Alpha _____ Ci/yr

Gross Beta-Gamma _____ Ci/yr

Iodine _____ Ci/yr

Total Emissions

Rad		
		Ci/year (rad)
		( ) Units
		( ) Units
		( ) Units
		( ) Units

DOE-ID ECO Air Emission Inventory Phase II-1990
Pollution Control Equipment Suppliment

Source Number

Pollution Control Equipment

Type ____________
Manufacturer ____________
Model Number ____________

Manufacturer Guaranteed ___Yes ___No

Pollutants	%Efficiency

For Wet Scrubbers: Water Flow ________GPM
Pressure Drop ________Inches of Water

For Baghouse: Air/Cloth Ratio ________

Pollution Control Equipment

Type ____________
Manufacturer ____________
Model Number ____________

Manufacturer Guaranteed ___Yes ___No

Pollutants	%Efficiency

For Wet Scrubbers: Water Flow ________GPM
Pressure Drop ________Inches of Water

For Baghouse: Air/Cloth Ratio ________

Pollution Control Equipment

Type ____________ ____________
Manufacturer ____________ ____________
Model Number ____________ ____________

Manufacturer Guaranteed ___Yes ___No

Pollutants	%Efficiency

For Wet Scrubbers: Water Flow ________GPM
Pressure Drop ________Inches of Water

For Baghouse: Air/Cloth Ratio ________

Pollution Control Equipment

Type ____________ ____________
Manufacturer ____________ ____________
Model Number ____________ ____________

Manufacturer Guaranteed ___Yes ___No

Pollutants	%Efficiency

For Wet Scrubbers: Water Flow ________GPM
Pressure Drop ________Inches of Water

For Baghouse: Air/Cloth Ratio ________

DOE-ID ECO Air Emission Inventory Phase II-1990
Pollution Monitoring Equipment Suppliment

Source Number

Monitoring Equipment

Pollutant Monitored ______________
Manufacturer ______________
Model Number ______________

Continuous Monitoring ___Yes ___No

If not Continuous, Frequency ______________
____

Monitoring Equipment

Pollutant Monitored ______________
Manufacturer ______________
Model Number ______________

Continuous Monitoring ___Yes ___No

If not Continuous, Frequency ______________
____

Monitoring Equipment

Pollutant Monitored ______________
Manufacturer ______________
Model Number ______________

Continuous Monitoring ___Yes ___No

If not Continuous, Frequency ______________
____

Monitoring Equipment

Pollutant Monitored ______________
Manufacturer ______________
Model Number ______________

Continuous Monitoring ___Yes ___No

If not Continuous, Frequency ______________
____

Monitoring Equipment

Pollutant Monitored ______________
Manufacturer ______________
Model Number ______________

Continuous Monitoring ___Yes ___No

If not Continuous, Frequency ______________
____

Monitoring Equipment

Pollutant Monitored ______________
Manufacturer ______________
Model Number ______________

Continuous Monitoring ___Yes ___No

If not Continuous, Frequency ______________
____

Laboratory Fume Hood Suppliment

Source Number	Date

Side 2

Substance	Quantity Used Anually	Org.	InOrg.	Vol.	Sol.	Liq.	Gas	Heat	Rad.	Time of Exposure	Con-tained	Used For	Quantity Disposed

Additional Sheets ☐

PAINT BOOTH SUPPLIMENT SHEET

rce Number

Date

Product Used	Brand	Ref. Number	Percent Volatiles	Base Metals	Quantity Used/ Disposed of Annualy	

Additional Sheets ____

Appendix B

1993 Air Emission Inventory Emissions Tables

Appendix B

1993 Air Emission Inventory Emissions Tables

This appendix presents the breakdown of emissions estimates as presented in the summary tables within the document text. The first set of tables present the summary of emissions for each pollutant for each area. The second set of tables present the ranking of the more significant sources for each pollutant. The final set of tables present the complete breakdown of the emissions for each source and area.

SUMMARY OF CARBON MONOXIDE EMISSIONS AT THE INEL

AREA	ACTUAL CO TNS/YR	ACTUAL CO LBS/HR	MAX CO TNS/YR	MAX CO LBS/HR
ANL	1.400E+00	1.482E+01	1.380E+02	3.151E+01
ARA	1.960E-02	1.760E+00	3.920E-02	3.520E+00
B08	3.315E-03	2.550E-01	2.234E+00	5.100E-01
B16	2.238E-02	2.813E+00	4.656E+01	1.061E+01
B21	4.000E-03	3.000E-03	1.400E-02	3.000E-03
B27	3.315E-04	2.550E-01	2.234E+00	5.100E-01
CFA	9.518E-01	4.381E+00	5.411E+01	1.236E+01
CPP	4.278E+02	2.012E+02	2.519E+03	6.471E+02
HPTF	5.360E-06	1.790E-03	7.880E-03	1.800E-03
NRF	4.583E+00	6.081E+01	3.604E+02	8.229E+01
PER	1.020E-01	1.382E+00	5.363E+01	2.331E+01
TAN	4.560E+00	1.012E+01	1.072E+02	2.448E+01
TRA	2.737E+01	2.207E+01	1.345E+02	3.071E+01
WMF	6.727E-02	1.346E+00	1.174E+01	2.678E+00
	4.668E+02	3.212E+02	3.430E+03	8.696E+02

SUMMARY OF LEAD EMISSIONS AT THE INEL

AREA	ACTUAL LEAD TNS/YR	ACTUAL LEAD LBS/HR	MAX LEAD TNS/YR	MAX LEAD LBS/HR
ANL	3.156E-04	6.858E-04	3.834E-03	8.753E-04
B21	3.000E-06	2.000E-06	1.100E-05	2.000E-06
CFA	3.209E-04	1.043E-02	7.564E-02	1.754E-02
CPP	1.162E-03	1.403E-03	2.913E+02	6.651E+01
NRF	1.386E-03	2.016E-03	2.483E-02	5.670E-03
PER	2.100E-05	2.328E-05	2.624E-04	6.266E-05
TAN	1.271E-03	4.736E-04	7.484E-03	1.709E-03
	4.480E-03	1.503E-02	2.914E+02	6.654E+01

SUMMARY OF NITROGEN OXIDES EMISSIONS AT THE INEL

AREA	ACTUAL NOx TNS/YR	ACTUAL NOx LBS/HR	MAX NOx TNS/YR	MAX NOx LBS/HR
ANL	5.673E+00	6.467E+01	6.099E+02	1.393E+02
ARA	1.254E-03	6.637E-02	2.504E-03	1.217E-01
B08	1.524E-02	1.173E+00	1.027E+01	2.345E+00
B16	2.740E-02	1.346E+00	4.400E+01	1.005E+01
B27	1.524E-03	1.173E+00	1.027E+01	2.345E+00
CFA	3.870E+00	1.995E+01	2.433E+02	5.561E+01
CPP	5.316E+02	3.246E+02	7.681E+03	1.849E+03
HPTF	3.950E-05	1.320E-02	5.800E-02	1.300E-02
NRF	2.951E+01	2.541E+02	1.614E+03	3.685E+02
PER	4.162E-01	6.293E+00	7.981E+01	1.963E+01
TAN	2.050E+01	4.545E+01	5.032E+02	1.127E+02
TRA	1.054E+02	9.209E+01	5.670E+02	1.295E+02
WMF	3.212E-01	6.197E+00	5.403E+01	1.232E+01
	6.974E+02	8.171E+02	1.142E+04	2.701E+03

SUMMARY OF PARTICULATE EMISSIONS AT THE INEL

AREA	ACTUAL PART. TNS/YR	ACTUAL PART. LBS/HR	MAX PART. TNS/YR	MAX PART. LBS/HR
ANL	2.536E+01	1.085E+01	1.032E+02	2.412E+01
ARA	2.010E-01	9.070E+00	4.020E-01	1.810E+01
B08	1.089E-03	8.375E-02	7.337E-01	1.675E-01
B16	4.580E-03	3.127E-01	5.032E+00	1.153E+00
B21	3.190E-06	2.400E-06	1.100E-05	2.400E-06
B27	1.089E-04	8.375E-02	7.337E-01	1.675E-01
CFA	1.057E+02	3.287E+01	2.254E+02	8.405E+01
CPP	2.637E+00	1.376E+01	5.875E+02	1.317E+02
HPTF	1.130E-06	3.760E-04	1.700E-03	3.800E-04
INEL	2.299E+02	2.467E+02	4.640E+02	4.932E+02
NRF	2.585E+01	3.238E+01	6.849E+02	1.527E+02
PER	4.026E-02	4.627E-01	4.679E+00	1.070E+00
TAN	2.561E+00	4.211E+00	5.507E+01	1.460E+01
TRA	1.547E+01	9.089E+00	5.495E+01	1.255E+01
WMF	1.889E-02	4.404E-01	3.846E+00	8.773E-01
	4.078E+02	3.603E+02	2.190E+03	9.345E+02

SUMMARY OF RAD EMISSIONS AT THE INEL

AREA	ACTUAL RAD Ci/YR	ACTUAL RAD Ci/Mo	MAX RAD Ci/YR	MAX RAD Ci/Mo
ANL	1.101E+03	9.150E+01	1.771E+03	2.451E+02
CFA	1.545E-06	2.199E-07	1.120E-02	9.401E-04
CPP	6.660E+01	5.550E+00	1.600E+05	2.250E+04
NRF	1.388E+00	1.099E-01	7.456E+00	6.284E-01
PER	3.107E-06	2.587E-07	4.706E+01	5.331E+00
TAN	1.758E-03	1.742E-03	1.369E-01	1.162E-02
TRA	1.622E+03	1.352E+02	4.300E+03	9.900E+02
WMF	1.430E-05	1.197E-06	2.007E-06	1.734E-07
	2.791E+03	2.323E+02	1.661E+05	2.374E+04

SUMMARY OF SULFUR OXIDES EMISSIONS AT THE INEL

AREA	ACTUAL SOx TNS/YR	ACTUAL SOx LBS/HR	MAX SOx TNS/YR	MAX SOx LBS/HR
ANL	1.815E+01	4.297E+01	2.569E+02	5.865E+01
ARA	1.540E-04	6.637E-03	3.080E-04	1.217E-02
B08	1.014E-03	7.800E-02	6.833E-01	1.560E-01
B16	4.260E-02	1.037E+00	1.506E+01	3.437E+00
B27	1.014E-04	7.800E-02	6.833E-01	1.560E-01
CFA	1.280E+01	8.091E+00	1.535E+02	3.509E+01
CPP	3.629E+01	3.849E+01	1.101E+03	2.516E+02
HPTF	2.820E-06	9.400E-04	4.100E-03	9.400E-04
NRF	9.001E+01	1.460E+02	1.691E+03	3.860E+02
PER	1.211E+00	1.729E+00	2.363E+01	6.853E+00
TAN	7.460E+01	3.023E+01	4.671E+02	1.066E+02
TRA	7.584E+00	6.389E+00	3.916E+01	8.941E+00
WMF	1.068E-02	4.066E-01	3.559E+00	8.125E-01
	2.407E+02	2.755E+02	3.752E+03	8.584E+02

EXECUTIVE SUMMARY OF NON-METHANE VOC EMISSIONS AT THE INEL

AREA	ACTUAL NON-MEHTANE VOC TNS/YR	ACTUAL NON-METHANE VOC LBS/HR	MAX NON-MEHTANE VOC TNS/YR	MAX NON-METHANE VOC LBS/HR
ANL	4.147E+00	5.957E+01	5.397E+01	7.729E+01
ARA	7.983E-04	4.425E-02	1.598E-03	8.849E-02
B08	1.757E-03	4.484E-01	9.757E-01	5.597E-01
B16	9.548E-01	4.108E-01	5.702E+00	1.361E+00
B21	5.800E-02	1.300E-02	2.910E-01	6.600E-02
B23	3.287E-04	3.370E-01	3.287E-04	3.370E-01
B27	4.543E-04	4.484E-01	9.757E-01	5.597E-01
CFA	1.607E+01	2.296E+02	1.090E+02	2.341E+02
CPP	1.612E+01	2.858E+02	5.422E+02	4.103E+02
HPTF	1.410E-06	4.700E-04	2.100E-03	4.700E-04
NRF	3.913E+00	1.122E+01	4.838E+01	1.357E+01
PER	2.956E-01	1.177E+00	6.056E+00	1.935E+00
TAN	1.912E+01	4.428E+01	9.557E+01	6.292E+01
TRA	8.770E+00	3.483E+01	4.170E+01	3.755E+01
WMF	2.686E-02	9.224E-01	5.111E+00	1.503E+00
	6.948E+01	6.691E+02	9.100E+02	8.421E+02

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CARBON MONOXIDE	CPP	708	001	Y	1.2E+02	3.2E+02	1.5E+02	4.3E+02
		787	001	Y	3.3E+01	1.1E+02	1.7E+01	7.3E+01
	TRA	670	046	N	6.2E+00	1.4E+01	7.8E+00	3.4E+01
			053	N	6.2E+00	1.4E+01	7.8E+00	3.4E+01
	CPP	606	004	N	8.6E-01	1.1E+00	1.8E+00	7.9E+00
	TAN	603	027	N	8.5E-02	1.0E+00	6.9E-01	3.0E+00
			028	N	.0E+00	1.0E+00	7.0E-01	3.1E+00
	NRF	617C	001	N	6.5E+00	8.5E-01	9.1E+00	4.0E+01
	TAN	675	035	N	4.2E-01	7.2E-01	8.4E-01	3.7E+00
	NRF	617C	002	N	6.5E+00	7.1E-01	9.1E+00	4.0E+01
	ANL	768	024	N	6.5E-01	6.3E-01	8.5E-01	3.7E+00
			027	N	6.7E-01	6.3E-01	8.4E-01	3.7E+00
	TAN	679	068	N	2.9E-01	5.6E-01	8.4E-01	3.7E+00
	CPP	606	005	N	5.6E-01	5.5E-01	1.8E+00	7.9E+00
	NRF	620	012	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
			013	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
			014	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
	TAN	679	067	N	3.8E-01	4.9E-01	8.4E-01	3.7E+00
	CPP	644	002	N	6.5E+00	3.4E-01	1.3E+01	5.7E+01
		687	026	N	6.5E+00	3.4E-01	1.3E+01	5.7E+01
	TAN	603	022	N	8.5E-02	2.8E-01	4.9E-01	2.1E+00
		675	037	N	3.6E-01	2.6E-01	8.4E-01	3.7E+00
	NRF	633A	078	N	5.0E+00	2.6E-01	5.5E+00	2.4E+01
	CFA	665	029	N	7.0E-02	2.5E-01	4.2E-01	1.8E+00
	NRF	686	017	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
			018	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
			019	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
			016	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
	CPP	606	019	N	4.1E-01	1.7E-01	9.0E-01	3.9E+00
	CFA	688	043	N	2.6E-02	1.3E-01	4.1E-01	1.8E+00
		662	027	N	2.1E-02	1.2E-01	1.8E-01	7.8E-01
		671	008	N	5.5E-03	9.0E-02	2.8E-01	1.2E+00
			007	N	4.9E-03	9.0E-02	2.8E-01	1.2E+00
	TRA	674	007	N	5.5E+00	7.2E-02	1.1E+01	4.8E+01
	CPP	659	008	N	5.6E+00	6.8E-02	1.5E+02	6.4E+02
	CFA	688	044	N	3.1E-01	6.4E-02	1.7E-01	7.7E-01
	NRF	602	005	N	1.2E+00	6.1E-02	1.2E+00	5.4E+00
	TAN	641	034	N	3.3E-02	5.6E-02	2.2E-01	9.9E-01
			035	N	3.3E-02	5.6E-02	2.2E-01	9.9E-01
	CPP	659	006	N	4.4E+00	5.3E-02	1.1E+02	5.0E+02
	PER	620	023	N	1.6E-02	4.1E-02	5.5E-02	2.4E-01
	CFA	662	011	N	1.6E-02	3.9E-02	1.2E-01	5.3E-01
	TAN	603	011	N	2.5E+00	3.3E-02	4.4E+00	1.9E+01
	ANL	707	002	N	2.0E+00	3.1E-02	2.3E+00	1.0E+01
	CFA	650	007	N	1.1E-02	3.0E-02	1.7E-01	7.7E-01
	CPP	1643	007	N	2.0E+00	3.0E-02	2.3E+00	1.0E+01
		1642	007	N	2.0E+00	3.0E-02	2.3E+00	1.0E+01
	WMF	603	001	N	1.3E+00	2.9E-02	2.7E+00	1.2E+01
	CFA	609	005	N	5.7E-03	2.8E-02	7.5E-02	3.3E-01
		608	001	N	5.7E-03	2.8E-02	5.4E-02	2.3E-01
	TRA	619	008	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
		633	004	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
			003	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
		619	009	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
	CFA	682	002	N	1.1E+00	2.6E-02	2.1E+00	9.2E+00
	ANL	768	003	N	1.8E+00	2.5E-02	3.7E+00	1.6E+01
	CPP	616	004	N	1.5E+00	2.4E-02	2.2E+00	9.7E+00

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CARBON MONOXIDE	CPP	614	002	N	1.4E+00	2.2E-02	1.6E+00	7.2E+00
	TAN	675	010	N	5.0E-01	2.2E-02	3.2E+00	1.4E+01
		607	046	N	1.4E+00	2.0E-02	1.4E+00	6.3E+00
	NRF	635	006	N	7.9E-01	2.0E-02	1.3E+00	5.6E+00
			007	N	7.9E-01	2.0E-02	1.3E+00	5.6E+00
	TAN	679	012	N	5.4E-01	2.0E-02	3.8E+00	1.7E+01
	ARA	IV	001	Y	1.8E+00	2.0E-02	3.5E+00	3.9E-02
	ANL	752A	001	N	1.3E+00	1.7E-02	2.6E+00	1.1E+01
	B16	708	001	Y	2.8E+00	1.7E-02	1.1E+01	4.7E+01
	CFA	668	023	N	3.7E-03	1.7E-02	2.5E-02	1.1E-01
	PER	613	009	N	2.2E-02	1.6E-02	6.0E-02	2.6E-01
	TAN	610	002	N	1.1E+00	1.5E-02	2.1E+00	9.2E+00
	PER	609	006	N	1.0E+00	1.3E-02	2.0E+00	8.9E+00
	TAN	665	002	N	1.0E+00	1.3E-02	2.0E+00	8.9E+00
	WMF	610	004	Y	3.6E-04	1.3E-02	3.6E-04	1.6E-02
		612	004	Y	3.6E-03	1.3E-02	3.6E-03	1.6E-02
		711	004	Y	3.6E-03	1.3E-02	4.9E-03	2.1E-02
	CFA	617	024	Y	2.9E-02	1.1E-02	6.5E-02	2.8E-01
		633	091	N	4.2E-01	1.1E-02	5.8E-01	2.5E+00
	ANL	709	016	N	1.3E+00	1.0E-02	2.6E+00	1.1E+01
		720	017	N	4.1E-01	1.0E-02	8.7E-01	3.8E+00
	NRF	622	001	N	1.2E+00	9.8E-03	1.2E+00	5.4E+00
	CPP	659	007	N	1.6E+01	7.9E-03	1.6E+02	6.9E+02
	ANL	709	008	N	1.1E+00	7.8E-03	2.1E+00	9.1E+00
		768	028	N	9.2E-01	7.7E-03	9.2E-01	4.0E+00
	TAN	641	022	N	4.0E-01	7.7E-03	8.0E-01	3.5E+00
	PER	619	016	N	1.8E-02	7.0E-03	1.8E-02	7.7E-02
		601A	010	N	1.3E-02	6.4E-03	1.8E-02	7.7E-02
	ANL	701	009	N	5.1E-01	6.1E-03	7.8E+00	3.4E+01
		774	001	N	4.5E-01	5.8E-03	8.9E-01	3.9E+00
		754	003	N	1.9E-01	5.6E-03	3.9E-01	1.7E+00
	PER	612	006	N	8.0E-03	5.5E-03	3.3E-02	1.4E-01
	B16	601	007	Y	1.3E-02	5.4E-03	1.3E-02	5.6E-02
	TAN	652	003	N	3.9E-01	5.1E-03	7.8E-01	3.4E+00
	PER	626	004	N	2.7E-01	5.0E-03	9.2E-01	4.0E+00
		601	010	N	7.0E-03	4.8E-03	1.8E-02	7.7E-02
	CFA	688	047	N	7.6E-01	4.6E-03	1.5E+00	6.7E+00
		609	001	N	5.8E-01	4.6E-03	1.5E+00	6.7E+00
	ANL	765	022	N	7.7E-01	4.4E-03	1.5E+00	6.7E+00
	B21	608	012	Y	3.0E-03	4.0E-03	3.0E-03	1.4E-02
	CFA	613	003	N	1.3E-03	3.8E-03	1.2E-02	5.3E-02
	ANL	785	017	N	5.4E-01	3.4E-03	1.1E+00	4.7E+00
	B08	601	003	N	2.5E-01	3.3E-03	5.1E-01	2.2E+00
	CFA	675	002	N	7.6E-01	3.1E-03	1.0E+00	4.4E+00
		604	001	N	2.0E-01	3.1E-03	1.0E+00	4.5E+00
	ANL	704	015	N	2.0E-01	2.8E-03	4.0E-01	1.7E+00
	CPP	654	007	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
			009	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
			012	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
			008	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
			011	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
			010	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
	ANL	720	018	N	1.3E-01	2.6E-03	2.7E-01	1.2E+00
	CPP	655	028	Y	4.0E-03	2.6E-03	4.0E-03	1.7E-02
			018	Y	1.3E-03	2.6E-03	1.3E-03	5.5E-03
			030	Y	4.0E-03	2.6E-03	4.0E-03	1.7E-02
			031	Y	4.9E-03	2.6E-03	4.9E-03	2.1E-02

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
NITROGEN OXIDES	CPP	708	001	Y	1.7E+02	4.6E+02	3.9E+02	1.7E+03
		787	001	Y	2.0E+01	6.3E+01	1.0E+02	4.5E+02
	TRA	670	046	N	2.4E+01	5.3E+01	3.0E+01	1.3E+02
			053	N	2.4E+01	5.2E+01	3.0E+01	1.3E+02
	NRF	620	014	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
			012	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
			013	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
	CPP	606	004	N	3.4E+00	4.3E+00	7.2E+00	3.2E+01
	TAN	603	028	N	.0E+00	4.0E+00	2.8E+00	1.2E+01
			027	N	3.4E-01	4.0E+00	2.8E+00	1.2E+01
	NRF	617C	001	N	2.5E+01	3.3E+00	3.5E+01	1.5E+02
	TAN	603	022	N	9.4E-01	3.0E+00	5.3E+00	2.3E+01
		675	035	N	1.7E+00	2.9E+00	3.3E+00	1.5E+01
	NRF	617C	002	N	2.5E+01	2.8E+00	3.5E+01	1.5E+02
	ANL	768	027	N	2.7E+00	2.5E+00	3.4E+00	1.5E+01
			024	N	2.6E+00	2.5E+00	3.4E+00	1.5E+01
	TAN	679	068	N	1.2E+00	2.2E+00	3.3E+00	1.5E+01
	CPP	606	005	N	2.3E+00	2.2E+00	7.2E+00	3.2E+01
	TAN	679	067	N	1.5E+00	2.0E+00	3.3E+00	1.5E+01
	CPP	687	026	N	2.5E+01	1.3E+00	5.0E+01	2.2E+02
		644	002	N	2.5E+01	1.3E+00	5.0E+01	2.2E+02
	TAN	675	037	N	1.4E+00	1.0E+00	3.3E+00	1.5E+01
	CFA	665	029	N	2.8E-01	1.0E+00	1.7E+00	7.3E+00
	NRF	633A	078	N	1.9E+01	1.0E+00	2.1E+01	9.3E+01
		686	019	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
			018	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
			016	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
			017	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
	CPP	606	019	N	1.6E+00	7.0E-01	3.6E+00	1.6E+01
	CFA	688	043	N	1.0E-01	5.1E-01	1.6E+00	7.1E+00
		662	027	N	8.4E-02	4.7E-01	7.1E-01	3.1E+00
		671	007	N	2.0E-02	3.6E-01	1.1E+00	4.9E+00
			008	N	2.2E-02	3.6E-01	1.1E+00	4.9E+00
	TRA	674	007	N	2.5E+01	3.3E-01	5.1E+01	2.2E+02
	NRF	602	005	N	5.6E+00	2.8E-01	5.6E+00	2.5E+01
	CPP	659	008	N	2.2E+01	2.6E-01	5.6E+02	2.5E+03
	CFA	688	044	N	1.2E+00	2.6E-01	7.0E-01	3.1E+00
	CPP	659	006	N	2.0E+01	2.4E-01	5.2E+02	2.3E+03
	TAN	641	035	N	1.3E-01	2.2E-01	9.0E-01	3.9E+00
			034	N	1.3E-01	2.2E-01	9.0E-01	3.9E+00
	PER	620	023	N	6.6E-02	1.6E-01	2.2E-01	9.6E-01
	CFA	662	011	N	6.6E-02	1.6E-01	4.8E-01	2.1E+00
	TAN	681	012	Y	5.3E-01	1.5E-01	.0E+00	1.0E+01
		603	011	N	1.2E+01	1.5E-01	2.0E+01	8.8E+01
	ANL	707	002	N	9.4E+00	1.4E-01	1.1E+01	4.7E+01
	CPP	1643	007	N	9.4E+00	1.4E-01	1.0E+01	4.6E+01
		1642	007	N	9.4E+00	1.4E-01	1.0E+01	4.6E+01
	WMF	603	001	N	6.1E+00	1.3E-01	1.2E+01	5.3E+01
	TRA	633	004	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
		619	009	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
			008	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
		633	003	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
	CFA	650	007	N	4.3E-02	1.2E-01	7.0E-01	3.1E+00
		682	002	N	5.2E+00	1.2E-01	9.6E+00	4.2E+01
	ANL	768	003	N	8.4E+00	1.2E-01	1.7E+01	7.4E+01
	CFA	608	001	N	2.3E-02	1.1E-01	2.1E-01	9.4E-01
		609	005	N	2.3E-02	1.1E-01	3.0E-01	1.3E+00

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
NITROGEN OXIDES	CPP	616	004	N	7.0E+00	1.1E-01	1.0E+01	4.4E+01
	TAN	607	119	Y	1.0E-01	1.1E-01	1.0E-01	1.1E-01
	CPP	614	002	N	6.6E+00	1.0E-01	7.6E+00	3.3E+01
	TAN	675	010	N	2.3E+00	1.0E-01	1.4E+01	6.3E+01
	NRF	635	007	N	3.6E+00	9.4E-02	5.9E+00	2.6E+01
	TAN	607	046	N	6.6E+00	9.4E-02	6.6E+00	2.9E+01
	NRF	635	006	N	3.6E+00	9.4E-02	5.9E+00	2.6E+01
	TAN	679	012	N	2.5E+00	9.3E-02	1.7E+01	7.6E+01
	ANL	752A	001	N	6.1E+00	7.9E-02	1.2E+01	5.2E+01
	TAN	610	002	N	5.2E+00	7.0E-02	9.6E+00	4.2E+01
	CFA	668	023	N	1.5E-02	6.6E-02	9.8E-02	4.3E-01
	PER	613	009	N	8.6E-02	6.5E-02	2.4E-01	1.1E+00
	WMF	610	004	Y	1.8E-03	6.2E-02	1.8E-03	7.7E-02
		612	004	Y	1.8E-02	6.2E-02	1.8E-02	7.7E-02
		711	004	Y	1.8E-02	6.2E-02	2.4E-02	1.0E-01
	PER	609	006	N	4.7E+00	6.1E-02	9.4E+00	4.1E+01
	TAN	665	002	N	4.7E+00	6.1E-02	9.4E+00	4.1E+01
	CFA	617	024	Y	1.3E-01	5.3E-02	3.0E-01	1.3E+00
		633	091	N	1.9E+00	4.9E-02	2.7E+00	1.2E+01
	ANL	720	017	N	1.9E+00	4.7E-02	4.0E+00	1.7E+01
	NRF	622	001	N	5.6E+00	4.5E-02	5.6E+00	2.5E+01
	ANL	709	016	N	5.0E+00	4.0E-02	1.0E+01	4.4E+01
		768	028	N	4.2E+00	3.5E-02	4.2E+00	1.8E+01
	TAN	641	022	N	1.8E+00	3.5E-02	3.7E+00	1.6E+01
	ANL	709	008	N	4.3E+00	3.0E-02	8.0E+00	3.5E+01
		701	009	N	2.3E+00	2.8E-02	3.6E+01	1.6E+02
		774	001	N	2.1E+00	2.7E-02	4.1E+00	1.8E+01
		754	003	N	8.9E-01	2.6E-02	1.8E+00	7.8E+00
	PER	601A	010	N	5.2E-02	2.6E-02	7.0E-02	3.1E-01
		619	016	N	6.3E-02	2.5E-02	6.3E-02	2.8E-01
	TAN	652	003	N	1.8E+00	2.3E-02	3.6E+00	1.6E+01
	PER	626	004	N	1.2E+00	2.3E-02	4.2E+00	1.8E+01
		612	006	N	3.2E-02	2.2E-02	1.3E-01	5.8E-01
	CFA	625	009	Y	2.1E-02	2.2E-02	6.3E-02	6.5E-02
		609	001	N	2.6E+00	2.1E-02	7.0E+00	3.1E+01
		688	047	N	3.5E+00	2.1E-02	7.0E+00	3.1E+01
	ANL	765	022	N	3.5E+00	2.0E-02	7.1E+00	3.1E+01
	B16	601	007	Y	4.6E-02	1.9E-02	4.6E-02	2.0E-01
	PER	601	010	N	2.8E-02	1.9E-02	7.0E-02	3.1E-01
	ANL	785	017	N	2.5E+00	1.5E-02	5.0E+00	2.2E+01
	B08	601	003	N	1.2E+00	1.5E-02	2.3E+00	1.0E+01
	CFA	604	001	N	9.4E-01	1.4E-02	4.7E+00	2.1E+01
		675	002	N	3.5E+00	1.4E-02	4.6E+00	2.0E+01
		613	003	N	4.7E-03	1.4E-02	4.3E-02	1.9E-01
	ANL	704	015	N	9.4E-01	1.3E-02	1.8E+00	8.0E+00
	CPP	654	012	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
			010	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
			008	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
			007	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
			009	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
			011	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
		655	018	Y	6.2E-03	1.3E-02	6.2E-03	2.7E-02
			019	Y	2.4E-02	1.3E-02	2.4E-02	1.0E-01
			026	Y	1.4E-02	1.3E-02	1.4E-02	6.2E-02
			028	Y	1.9E-02	1.3E-02	1.9E-02	8.5E-02
			030	Y	1.9E-02	1.3E-02	1.9E-02	8.5E-02
			031	Y	2.4E-02	1.3E-02	2.4E-02	1.0E-01

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
PARTICULATE	INEL	100	001	Y	8.1E+01	2.2E+02	1.6E+02	4.4E+02
	CFA	100	001	Y	2.3E+01	1.0E+02	3.8E+01	1.7E+02
	ANL	757	001	Y	5.6E+00	2.5E+01	1.2E+01	5.5E+01
	NRF	716	001	Y	3.0E+00	1.3E+01	4.2E+01	1.9E+02
	INEL	101	001	Y	1.7E+02	9.9E+00	3.3E+02	2.0E+01
	NRF	708	001	Y	1.9E+00	8.5E+00	6.8E+01	3.0E+02
	TRA	670	046	N	2.4E+00	5.3E+00	3.0E+00	1.3E+01
			053	N	2.4E+00	5.2E+00	3.0E+00	1.3E+01
		771	001	Y	1.1E+00	5.0E+00	1.5E+00	6.6E+00
	CFA	623	007	Y	7.8E+00	3.0E+00	3.9E+01	4.0E+01
	CPP	787	001	Y	4.4E-01	1.4E+00	1.1E+01	4.8E+01
	NRF	620	013	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
			012	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
			014	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
	TAN	603	022	N	1.7E-01	5.5E-01	9.7E-01	4.2E+00
	CFA	101	001	Y	1.3E-01	5.5E-01	2.8E+00	6.3E-01
	CPP	606	004	N	3.4E-01	4.3E-01	7.2E-01	3.2E+00
	TAN	603	027	N	3.4E-02	4.0E-01	2.8E-01	1.2E+00
			028	N	.0E+00	4.0E-01	2.8E-01	1.2E+00
	NRF	617C	001	N	2.5E+00	3.2E-01	3.5E+00	1.5E+01
	TAN	675	035	N	1.7E-01	2.9E-01	3.4E-01	1.5E+00
	NRF	617C	002	N	2.5E+00	2.8E-01	3.5E+00	1.5E+01
	ANL	768	024	N	2.6E-01	2.5E-01	3.4E-01	1.5E+00
			027	N	2.7E-01	2.5E-01	3.4E-01	1.5E+00
	TAN	679	068	N	1.2E-01	2.2E-01	3.4E-01	1.5E+00
	CPP	606	005	N	2.3E-01	2.2E-01	7.2E-01	3.2E+00
	TAN	679	067	N	1.5E-01	2.0E-01	3.4E-01	1.5E+00
		606	005	Y	4.4E-01	1.8E-01	1.0E+00	4.4E+00
	CFA	665	050	Y	1.9E-01	1.5E-01	1.9E-01	2.7E-01
	CPP	687	026	N	2.5E+00	1.3E-01	5.0E+00	2.2E+01
		644	002	N	2.5E+00	1.3E-01	5.0E+00	2.2E+01
	TAN	675	037	N	1.4E-01	1.0E-01	3.4E-01	1.5E+00
	ARA	IV	001	Y	9.0E+00	1.0E-01	1.8E+01	2.0E-01
	CFA	665	029	N	2.8E-02	1.0E-01	1.7E-01	7.3E-01
	NRF	633A	078	N	1.9E+00	1.0E-01	2.1E+00	9.3E+00
	ARA	IV	002	Y	5.0E-02	1.0E-01	1.0E-01	2.0E-01
	TAN	636	002	Y	2.3E-02	9.8E-02	2.1E+00	9.0E+00
	NRF	686	019	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
			018	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
			016	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
			017	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
	CPP	606	019	N	1.6E-01	7.0E-02	3.6E-01	1.6E+00
		794	001	Y	1.0E+00	6.5E-02	1.1E+00	1.0E-01
		025	001	Y	1.9E-01	5.7E-02	1.1E-01	4.8E-01
	CFA	688	043	N	1.0E-02	5.1E-02	1.6E-01	7.1E-01
		662	027	N	8.4E-03	4.7E-02	7.1E-02	3.1E-01
		623	017	Y	8.0E-02	4.0E-02	9.0E-02	1.0E-01
		671	008	N	2.2E-03	3.6E-02	1.1E-01	4.9E-01
			007	N	2.0E-03	3.6E-02	1.1E-01	4.9E-01
	TAN	604	022	Y	5.2E-02	2.7E-02	1.1E-01	5.1E-01
	CPP	659	008	N	2.2E+00	2.6E-02	5.6E+01	2.5E+02
	NRF	633A	089	Y	3.3E-01	2.6E-02	3.3E-01	1.4E+00
	CFA	688	044	N	1.2E-01	2.6E-02	7.0E-02	3.1E-01
	TRA	674	007	N	1.8E+00	2.4E-02	3.6E+00	1.6E+01
	TAN	641	035	N	1.3E-02	2.3E-02	9.0E-02	3.9E-01
			034	N	1.3E-02	2.3E-02	9.0E-02	3.9E-01
	NRF	602	005	N	4.0E-01	2.0E-02	4.0E-01	1.8E+00

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
PARTICULATE	CPP	659	006	N	1.4E+00	1.7E-02	3.7E+01	1.6E+02
	PER	620	023	N	6.6E-03	1.6E-02	2.2E-02	9.6E-02
	CFA	662	011	N	6.6E-03	1.6E-02	4.8E-02	2.1E-01
	CPP	663	048	Y	6.0E-03	1.3E-02	1.9E-01	4.0E-01
		793	002	Y	1.3E-01	1.2E-02	2.0E-01	4.0E-01
	CFA	650	007	N	4.3E-03	1.2E-02	7.0E-02	3.1E-01
		608	001	N	2.3E-03	1.1E-02	2.1E-02	9.4E-02
		609	005	N	2.3E-03	1.1E-02	3.0E-02	1.3E-01
	TAN	603	011	N	8.4E-01	1.1E-02	1.4E+00	6.3E+00
	ANL	707	002	N	6.7E-01	1.0E-02	7.6E-01	3.3E+00
	CPP	1643	007	N	6.7E-01	9.7E-03	7.5E-01	3.3E+00
		1642	007	N	6.7E-01	9.7E-03	7.5E-01	3.3E+00
	WMF	603	001	N	4.4E-01	9.4E-03	8.7E-01	3.8E+00
	TRA	633	004	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
		619	009	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
		633	003	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
		619	008	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
	CFA	682	002	N	3.7E-01	8.5E-03	6.9E-01	3.0E+00
	ANL	768	003	N	6.0E-01	8.4E-03	1.2E+00	5.3E+00
	CPP	616	004	N	5.0E-01	7.8E-03	7.2E-01	3.2E+00
		614	002	N	4.7E-01	7.3E-03	5.4E-01	2.4E+00
	TAN	675	010	N	1.6E-01	7.2E-03	1.0E+00	4.5E+00
		607	046	N	4.7E-01	6.7E-03	4.7E-01	2.1E+00
	NRF	635	007	N	2.6E-01	6.7E-03	4.2E-01	1.8E+00
			006	N	2.6E-01	6.7E-03	4.2E-01	1.8E+00
	TAN	679	012	N	1.8E-01	6.6E-03	1.2E+00	5.4E+00
	CFA	668	023	N	1.5E-03	6.6E-03	9.8E-03	4.3E-02
	PER	613	009	N	8.6E-03	6.5E-03	2.4E-02	1.1E-01
	CPP	687	033	Y	3.2E-02	5.9E-03	3.2E-04	1.4E-03
			034	Y	3.2E-02	5.9E-03	3.2E-04	1.4E-03
		792	001	Y	1.5E-02	5.8E-03	2.0E-02	1.0E-02
	ANL	752A	001	N	4.4E-01	5.6E-03	8.5E-01	3.7E+00
	TAN	610	002	N	3.7E-01	5.0E-03	6.9E-01	3.0E+00
	PER	609	006	N	3.4E-01	4.4E-03	6.7E-01	2.9E+00
	TAN	665	002	N	3.4E-01	4.4E-03	6.7E-01	2.9E+00
	ANL	709	016	N	5.0E-01	4.0E-03	1.0E+00	4.4E+00
	CFA	633	091	N	1.4E-01	3.5E-03	1.9E-01	8.4E-01
	PER	619	016	N	8.8E-03	3.5E-03	8.8E-03	3.8E-02
	ANL	720	017	N	1.3E-01	3.3E-03	2.8E-01	1.2E+00
	NRF	622	001	N	4.0E-01	3.2E-03	4.0E-01	1.8E+00
	WMF	610	004	Y	8.8E-05	3.1E-03	8.8E-05	3.9E-03
		612	004	Y	8.8E-04	3.1E-03	8.8E-04	3.9E-03
		711	004	Y	8.8E-04	3.1E-03	1.2E-03	5.2E-03
	ANL	782	028	Y	4.3E-03	3.1E-03	5.1E-01	3.6E-01
		709	008	N	4.4E-01	3.0E-03	8.0E-01	3.5E+00
	NRF	602	008	Y	2.9E-02	3.0E-03	2.9E-02	7.9E+00
	B16	601	007	Y	2.7E-03	2.7E-03	2.7E-03	1.2E-02
	CFA	617	024	Y	6.6E-03	2.6E-03	1.5E-02	6.6E-02
	PER	601A	010	N	5.2E-03	2.6E-03	7.0E-03	3.1E-02
	ANL	768	028	N	3.0E-01	2.5E-03	3.0E-01	1.3E+00
	TAN	641	022	N	1.3E-01	2.5E-03	2.6E-01	1.1E+00
	PER	612	006	N	3.2E-03	2.2E-03	1.3E-02	5.8E-02
	ANL	701	009	N	1.7E-01	2.0E-03	2.5E+00	1.1E+01
	NRF	602	023	Y	7.7E-02	2.0E-03	7.7E-02	3.4E-01
	PER	601	010	N	2.8E-03	1.9E-03	7.0E-03	3.1E-02
	CFA	613	003	N	6.5E-04	1.9E-03	6.0E-03	2.6E-02
	ANL	774	001	N	1.5E-01	1.9E-03	2.9E-01	1.3E+00

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
PB	CPP	787	001	Y	9.4E-04	7.1E-04	6.7E+01	2.9E+02
	NRF	620	013	N	6.7E-04	4.6E-04	1.9E-03	8.3E-03
			012	N	6.7E-04	4.6E-04	1.9E-03	8.3E-03
			014	N	6.7E-04	4.6E-04	1.9E-03	8.3E-03
	CPP	606	004	N	2.2E-04	2.7E-04	4.5E-04	2.0E-03
	TAN	603	028	N	.0E+00	2.5E-04	1.8E-04	7.7E-04
			027	N	2.1E-05	2.5E-04	1.7E-04	7.6E-04
			022	N	7.1E-05	2.3E-04	4.1E-04	1.8E-03
		675	035	N	1.1E-04	1.8E-04	2.1E-04	9.2E-04
	ANL	768	027	N	1.7E-04	1.6E-04	2.1E-04	9.2E-04
			024	N	1.6E-04	1.6E-04	2.1E-04	9.3E-04
	TAN	679	068	N	7.4E-05	1.4E-04	2.1E-04	9.2E-04
	CPP	606	005	N	1.4E-04	1.4E-04	4.5E-04	2.0E-03
	TAN	679	067	N	9.5E-05	1.2E-04	2.1E-04	9.2E-04
		675	037	N	9.0E-05	6.6E-05	2.1E-04	9.2E-04
	CFA	665	029	N	1.8E-05	6.3E-05	1.0E-04	4.6E-04
	CPP	606	019	N	1.0E-04	4.4E-05	2.3E-04	9.9E-04
	CFA	682	002	Y	1.9E-03	4.3E-05	3.5E-03	1.5E-02
		688	043	N	6.4E-06	3.2E-05	1.0E-04	4.5E-04
		662	027	N	5.3E-06	2.9E-05	4.5E-05	2.0E-04
		671	008	N	1.4E-06	2.3E-05	7.0E-05	3.1E-04
			007	N	1.2E-06	2.3E-05	7.0E-05	3.1E-04
		633	091	Y	7.0E-04	1.8E-05	9.8E-04	4.3E-03
		688	044	N	7.7E-05	1.6E-05	4.4E-05	1.9E-04
	TAN	641	035	N	8.3E-06	1.4E-05	5.6E-05	2.5E-04
			034	N	8.3E-06	1.4E-05	5.6E-05	2.5E-04
	CFA	668	006	Y	3.9E-03	1.2E-05	3.9E-03	1.7E-02
	PER	620	023	N	4.1E-06	1.0E-05	1.4E-05	6.0E-05
	CFA	662	011	N	4.1E-06	9.8E-06	3.0E-05	1.3E-04
		688	047	Y	1.3E-03	7.7E-06	2.6E-03	1.1E-02
		609	001	Y	9.8E-04	7.7E-06	2.6E-03	1.1E-02
		650	007	N	2.7E-06	7.4E-06	4.4E-05	1.9E-04
		608	001	N	1.4E-06	7.0E-06	1.3E-05	5.9E-05
		609	005	N	1.4E-06	7.0E-06	1.9E-05	8.2E-05
		675	002	Y	1.3E-03	5.1E-06	1.7E-03	7.4E-03
		604	001	Y	3.4E-04	5.1E-06	1.7E-03	7.5E-03
	CFA	668	023	N	9.4E-07	4.1E-06	6.1E-06	2.7E-05
	PER	613	009	N	5.4E-06	4.0E-06	1.5E-05	6.6E-05
	B21	608	012	Y	2.0E-06	3.0E-06	2.0E-06	1.1E-05
	PER	619	016	N	4.4E-06	1.8E-06	4.4E-06	1.9E-05
		601A	010	N	3.3E-06	1.6E-06	4.4E-06	1.9E-05
		612	006	N	2.0E-06	1.4E-06	8.3E-06	3.6E-05
		601	010	N	1.8E-06	1.2E-06	4.4E-06	1.9E-05
	CFA	613	003	N	3.3E-07	9.6E-07	3.0E-06	1.3E-05
	ANL	768	022	N	1.6E-04	6.3E-07	2.1E-04	9.3E-04
			034	N	1.9E-04	6.3E-07	2.3E-04	1.0E-03
		721	004	N	3.1E-06	5.8E-07	3.1E-06	1.4E-05
	CFA	607	004	N	1.6E-10	5.4E-07	6.0E-06	2.6E-05
	PER	632	008	N	3.1E-07	3.0E-07	2.8E-06	1.2E-05
			007	N	3.1E-07	3.0E-07	2.8E-06	1.2E-05
		619	015	N	1.7E-06	1.6E-07	1.7E-06	7.4E-06
	NRF	601	036	Y	2.5E-12	3.8E-13	2.5E-12	1.1E-11
	CFA	665	028	N	.0E+00	.0E+00	4.5E-05	2.0E-04
	PER	625	001	Y	.0E+00	.0E+00	.0E+00	.0E+00
		621	005	Y	.0E+00	.0E+00	.0E+00	.0E+00
	CFA	665	030	N	.0E+00	.0E+00	4.5E-05	2.0E-04
	PER	755	001	Y	.0E+00	.0E+00	5.0E-06	9.8E-06
	TAN	716	004	N	.0E+00	.0E+00	8.8E-05	3.8E-04

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
RADIONUCLIDE	TRA	770	001	Y	1.3E+02	1.5E+03	9.9E+02	4.3E+03
	ANL	764	001	Y	8.5E+01	1.0E+03	1.9E+02	1.3E+03
	TRA	715	001		1.0E+01	1.2E+02	.0E+00	.0E+00
	ANL	785	018	Y	6.5E+00	7.7E+01	2.9E+01	1.1E+02
	CPP	708	001	Y	5.6E+00	6.7E+01	1.3E+04	1.5E+05
	ANL	777	002	Y	1.5E-01	1.8E+00	1.5E-01	1.8E+00
		720	007	Y	1.4E-01	8.5E-01	3.0E+01	3.6E+02
	NRF	618	103	Y	5.1E-02	6.1E-01	1.7E-01	2.0E+00
	ANL	793	001	Y	3.7E-02	4.4E-01	3.7E-02	4.4E-01
	NRF	633A	057	Y	2.6E-02	3.1E-01	1.9E-01	2.3E+00
	ANL	798	017	Y	2.3E-02	2.8E-01	2.3E-02	2.8E-01
	NRF	618	099	Y	1.7E-02	2.0E-01	4.7E-02	5.6E-01
		628A	006	Y	1.3E-02	1.5E-01	1.8E-01	2.1E+00
		617	013	Y	7.7E-04	9.2E-03	5.8E-03	7.0E-02
		616	039	Y	1.3E-03	1.6E-02	1.9E-02	2.3E-01
	TRA	668	013	Y	8.3E-04	1.0E-02	8.3E-03	1.0E-01
		710	001	Y	2.5E-04	3.0E-03	4.4E-05	1.9E-04
	TAN	607	119	Y	1.7E-03	1.7E-03	5.5E-04	4.0E-03
	NRF	618	043	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			040	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			041	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			039	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			028	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			026	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			038	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			035	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			036	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			029	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			033	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			034	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			025	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
			027	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
	CPP	603	001	Y	1.7E-05	2.0E-04	8.0E-07	9.6E-06
	ANL	752	004	Y	1.6E-05	1.9E-04	5.2E-02	6.3E-01
	NRF	601A	019	Y	1.3E-05	1.5E-04	3.8E-05	4.5E-04
	CPP	684	001	Y	5.5E-06	6.6E-05	8.8E-02	1.1E+00
		767	001	Y	5.0E-06	6.0E-05	1.0E+04	1.0E+04
	NRF	720A	001		2.3E-06	2.7E-05	2.3E-06	2.8E-05
	CPP	1612	001	Y	1.4E-06	1.7E-05	1.1E-04	1.3E-03
	WMF	615	001	Y	1.0E-06	1.2E-05	3.4E-09	6.8E-09
	CPP	765	003	Y	7.7E-07	9.2E-06	7.7E-07	9.2E-06
		791	004	Y	7.7E-07	9.2E-06	7.7E-07	9.2E-06
		627	013	Y	6.3E-07	7.6E-06	1.3E-06	1.5E-05
	NRF	616	012	Y	5.8E-07	6.9E-06	1.0E-03	1.2E-02
		721	001		5.2E-07	6.2E-06	5.2E-07	6.3E-06
	TAN	734	001	Y	5.0E-07	6.0E-06	5.3E-03	6.3E-02
		607	039	Y	4.7E-07	5.7E-06	1.2E-03	1.5E-02
		629	013	Y	3.6E-07	4.3E-06	1.3E-03	1.6E-02
	NRF	722A	001		2.7E-07	3.2E-06	2.7E-07	3.2E-06
	PER	620	016	Y	2.6E-07	3.1E-06	4.4E-04	5.2E-03
	CPP	760	002	Y	2.4E-07	2.8E-06	1.8E-07	2.2E-06
	TAN	681	012	Y	2.2E-07	2.6E-06	8.4E-05	1.0E-03
	WMF	601	009	Y	1.7E-07	2.0E-06	1.7E-07	2.0E-06
	TAN	681	018	Y	1.2E-07	1.4E-06	5.5E-05	6.6E-04
	ANL	752	005	Y	1.2E-07	1.4E-06	3.8E-04	4.6E-03
	TAN	679	025	Y	1.0E-07	1.2E-06	3.5E-04	4.2E-03
	NRF	FUG	002		9.8E-08	1.2E-06	9.9E-08	1.2E-06

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
RADIONUCLIDE	TAN	679	027	Y	9.2E-08	1.1E-06	4.3E-04	5.2E-03
			023	Y	9.8E-08	1.1E-06	3.8E-04	4.5E-03
			026	Y	9.2E-08	1.1E-06	4.3E-04	5.2E-03
			024	Y	7.4E-08	8.9E-07	3.4E-04	4.2E-03
	TRA	604	035	Y	7.3E-08	8.8E-07	1.1E-07	1.3E-06
	TAN	679	022	Y	7.0E-08	8.4E-07	5.2E-04	6.3E-03
		681	020	Y	6.8E-08	8.1E-07	4.3E-04	5.2E-03
		629	014	Y	5.6E-08	6.5E-07	1.4E-04	1.7E-03
	CFA	617	010	Y	9.2E-08	6.4E-07	4.7E-04	5.6E-03
			011	Y	9.2E-08	6.4E-07	4.7E-04	5.6E-03
	TAN	629	012	Y	5.0E-08	6.0E-07	1.4E-04	1.7E-03
	NRF	FUG	003		4.5E-08	5.3E-07	4.4E-08	5.3E-07
	ANL	704	008	Y	1.0E-07	4.2E-07	4.9E-06	5.9E-05
	CPP	627	008	Y	3.2E-08	3.8E-07	3.3E-10	4.0E-09
	TRA	632	030	Y	1.8E-08	2.2E-07	3.0E-06	3.7E-05
			041	Y	1.8E-08	2.2E-07	3.0E-06	3.7E-05
			019	Y	1.8E-08	2.2E-07	3.0E-06	3.7E-05
	ANL	787	001	Y	1.4E-07	2.1E-07	2.6E-06	3.1E-05
	TRA	661	008	Y	1.1E-08	1.4E-07	1.2E-07	1.4E-06
	CFA	617	031	Y	1.8E-08	1.3E-07	2.5E-08	2.2E-07
			030	Y	1.8E-08	1.3E-07	2.5E-08	2.2E-07
	CPP	659	033	Y	9.2E-09	1.1E-07	8.8E-08	1.0E-06
		602	012	Y	4.6E-09	5.5E-08	8.9E-09	1.0E-07
		627	010	Y	4.3E-09	5.2E-08	.0E+00	.0E+00
		602	031	Y	4.0E-09	4.8E-08	.0E+00	.0E+00
		663	002	Y	3.9E-09	4.7E-08	.0E+00	.0E+00
		601	024	N	3.7E-09	4.4E-08	3.7E-09	4.4E-08
		764	002	Y	3.7E-09	4.4E-08	1.7E-11	2.0E-10
	TRA	670	086		.0E+00	1.7E-08	.0E+00	3.6E-08
			074	Y	1.4E-09	1.7E-08	3.0E-09	3.6E-08
	CPP	627	007	Y	8.2E-10	9.8E-09	1.6E-08	1.9E-07
	PER	756	001	Y	6.6E-10	7.9E-09	2.2E+00	2.7E+01
	NRF	631	101	Y	6.5E-10	7.8E-09	1.1E-06	1.3E-05
		616A	002	Y	4.7E-10	5.6E-09	7.7E-06	9.2E-05
	CFA	625	010	Y	8.3E-11	4.5E-09	3.8E-10	4.5E-09
	NRF	FUG	001		2.9E-10	3.5E-09	3.0E-10	3.5E-09
	CPP	648	002	Y	2.3E-10	2.8E-09	5.0E-10	5.6E-09
	NRF	FUG	004		1.1E-10	1.3E-09	1.1E-10	1.3E-09
	PER	765	001		4.2E-11	5.0E-10	2.7E-01	3.3E+00
	CPP	1646	001	Y	2.3E-11	2.7E-10	.0E+00	.0E+00
		602	014	Y	2.1E-11	2.5E-10	2.0E-06	2.4E-05
	TAN	666	001	Y	1.7E-11	2.0E-10	1.7E-11	2.0E-10
	CPP	627	016	Y	4.1E-12	4.9E-11	8.0E-12	9.6E-11
		637	010	Y	8.0E-13	9.6E-12	1.6E-11	2.0E-10
		615	005	Y	2.5E-13	3.0E-12	1.6E-09	1.9E-08
	CFA	633	067	Y	2.5E-13	3.0E-12	8.0E-10	1.0E-10
	CPP	1619	001	Y	6.2E-14	7.5E-13	1.0E-06	1.2E-05
		630	012	Y	5.1E-14	6.1E-13	2.4E-05	2.8E-04
	PER	620	041	Y	2.3E-14	2.7E-13	7.5E-11	9.0E-10
	CPP	630	011	Y	3.5E-16	4.2E-15	2.4E-12	2.8E-11
		1608	001	Y	3.6E-21	4.4E-20	1.7E-20	2.0E-19
	NRF	617	020	Y	.0E+00	.0E+00	2.6E-08	3.1E-07
	CPP	620	005	Y	.0E+00	.0E+00	7.1E-09	8.5E-08
		1617	001	Y	.0E+00	.0E+00	3.4E-07	4.0E-06

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
SULFUR OXIDES	NRF	620	014	N	4.3E+01	3.0E+01	1.2E+02	5.3E+02
			013	N	4.3E+01	3.0E+01	1.2E+02	5.3E+02
			012	N	4.3E+01	3.0E+01	1.2E+02	5.3E+02
	CPP	606	004	N	1.2E+01	1.5E+01	2.6E+01	1.1E+02
	TAN	603	022	N	4.6E+00	1.5E+01	2.6E+01	1.1E+02
			028	N	.0E+00	1.4E+01	1.0E+01	4.4E+01
			027	N	1.2E+00	1.4E+01	9.9E+00	4.3E+01
		675	035	N	6.0E+00	1.0E+01	1.2E+01	5.3E+01
	CPP	787	001	Y	3.0E+00	9.5E+00	9.9E+01	4.3E+02
	ANL	768	027	N	9.6E+00	9.0E+00	1.2E+01	5.3E+01
			024	N	9.4E+00	9.0E+00	1.2E+01	5.4E+01
	TAN	679	068	N	4.2E+00	8.0E+00	1.2E+01	5.3E+01
	CPP	606	005	N	8.1E+00	7.9E+00	2.6E+01	1.1E+02
	TAN	679	067	N	5.5E+00	7.1E+00	1.2E+01	5.3E+01
		675	037	N	5.2E+00	3.8E+00	1.2E+01	5.3E+01
	TRA	670	046	N	1.7E+00	3.8E+00	2.2E+00	9.5E+00
			053	N	1.7E+00	3.7E+00	2.2E+00	9.5E+00
	CFA	665	029	N	1.0E+00	3.6E+00	6.0E+00	2.6E+01
	CPP	606	019	N	5.9E+00	2.5E+00	1.3E+01	5.7E+01
	CFA	688	043	N	3.7E-01	1.8E+00	5.8E+00	2.6E+01
		662	027	N	3.0E-01	1.7E+00	2.6E+00	1.1E+01
		671	007	N	7.1E-02	1.3E+00	4.0E+00	1.8E+01
			008	N	7.9E-02	1.3E+00	4.0E+00	1.8E+01
		688	044	N	4.4E+00	9.2E-01	2.5E+00	1.1E+01
	TAN	641	035	N	4.8E-01	8.1E-01	3.2E+00	1.4E+01
			034	N	4.8E-01	8.1E-01	3.2E+00	1.4E+01
	CPP	708	001	Y	2.2E-01	5.9E-01	2.1E+00	7.9E+00
	PER	620	023	N	2.4E-01	5.9E-01	7.9E-01	3.5E+00
	CFA	662	011	N	2.4E-01	5.6E-01	1.7E+00	7.6E+00
		650	007	N	1.5E-01	4.3E-01	2.5E+00	1.1E+01
		608	001	N	8.2E-02	4.0E-01	7.7E-01	3.4E+00
		609	005	N	8.2E-02	4.0E-01	1.1E+00	4.7E+00
		668	023	N	5.4E-02	2.4E-01	3.5E-01	1.5E+00
	NRF	617C	001	N	1.8E+00	2.3E-01	2.5E+00	1.1E+01
	PER	613	009	N	3.1E-01	2.3E-01	8.6E-01	3.8E+00
	NRF	617C	002	N	1.8E+00	2.0E-01	2.5E+00	1.1E+01
	PER	619	016	N	2.5E-01	1.0E-01	2.5E-01	1.1E+00
	CPP	687	026	N	1.8E+00	9.4E-02	3.6E+00	1.6E+01
		644	002	N	1.8E+00	9.4E-02	3.6E+00	1.6E+01
	PER	601A	010	N	1.9E-01	9.2E-02	2.5E-01	1.1E+00
		612	006	N	1.2E-01	8.0E-02	4.8E-01	2.1E+00
	NRF	633A	078	N	1.4E+00	7.2E-02	1.5E+00	6.7E+00
	PER	601	010	N	1.0E-01	6.9E-02	2.5E-01	1.1E+00
	NRF	686	019	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
			016	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
			018	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
			017	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
	CFA	613	003	N	1.9E-02	5.5E-02	1.7E-01	7.6E-01
	B16	601	007	Y	3.7E-02	3.7E-02	3.7E-02	1.6E-01
	ANL	768	022	N	9.4E+00	3.6E-02	1.2E+01	5.4E+01
			034	N	1.1E+01	3.6E-02	1.3E+01	5.9E+01
		721	004	N	1.8E-01	3.3E-02	1.8E-01	7.9E-01
	CFA	607	004	N	9.1E-06	3.1E-02	3.5E-01	1.5E+00
	TRA	674	007	N	1.7E+00	2.2E-02	3.4E+00	1.5E+01
	NRF	602	005	N	3.7E-01	1.9E-02	3.7E-01	1.6E+00
	CPP	659	008	N	1.5E+00	1.9E-02	4.0E+01	1.8E+02
	PER	632	008	N	1.8E-02	1.7E-02	1.6E-01	7.1E-01

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
SULFUR OXIDES	PER	632	007	N	1.8E-02	1.7E-02	1.6E-01	7.1E-01
	CPP	659	006	N	1.3E+00	1.6E-02	3.5E+01	1.5E+02
	TAN	603	011	N	7.8E-01	1.0E-02	1.3E+00	5.9E+00
	ANL	707	002	N	6.2E-01	9.4E-03	7.1E-01	3.1E+00
	PER	619	015	N	9.7E-02	9.2E-03	9.7E-02	4.3E-01
	CPP	1643	007	N	6.2E-01	9.0E-03	7.0E-01	3.0E+00
		1642	007	N	6.2E-01	9.0E-03	7.0E-01	3.0E+00
	WMF	603	001	N	4.1E-01	8.7E-03	8.1E-01	3.6E+00
	TRA	633	004	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
		619	008	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
		633	003	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
		619	009	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
	CFA	682	002	N	3.4E-01	7.9E-03	6.4E-01	2.8E+00
	ANL	768	003	N	5.6E-01	7.8E-03	1.1E+00	4.9E+00
	CPP	616	004	N	4.7E-01	7.3E-03	6.7E-01	3.0E+00
		614	002	N	4.4E-01	6.8E-03	5.0E-01	2.2E+00
	TAN	675	010	N	1.5E-01	6.7E-03	9.6E-01	4.2E+00
	NRF	635	007	N	2.4E-01	6.2E-03	3.9E-01	1.7E+00
			006	N	2.4E-01	6.2E-03	3.9E-01	1.7E+00
	TAN	607	046	N	4.4E-01	6.2E-03	4.4E-01	1.9E+00
		679	012	N	1.7E-01	6.2E-03	1.2E+00	5.1E+00
	CFA	617	024	Y	1.6E-02	6.0E-03	3.4E-02	1.4E-02
	B16	708	001	Y	1.0E+00	5.5E-03	3.4E+00	1.5E+01
	ANL	752A	001	N	4.1E-01	5.2E-03	8.0E-01	3.5E+00
	TAN	610	002	N	3.4E-01	4.7E-03	6.4E-01	2.8E+00
	PER	609	006	N	3.1E-01	4.1E-03	6.2E-01	2.7E+00
	TAN	665	002	N	3.1E-01	4.1E-03	6.2E-01	2.7E+00
	CFA	633	091	N	1.3E-01	3.3E-03	1.8E-01	7.8E-01
	ANL	720	017	N	1.2E-01	3.1E-03	2.7E-01	1.2E+00
	NRF	622	001	N	3.7E-01	3.0E-03	3.7E-01	1.6E+00
	ANL	709	016	N	3.6E-01	2.9E-03	7.2E-01	3.2E+00
		768	028	N	2.8E-01	2.3E-03	2.8E-01	1.2E+00
	TAN	641	022	N	1.2E-01	2.3E-03	2.4E-01	1.1E+00
	ANL	709	008	N	3.1E-01	2.2E-03	5.8E-01	2.5E+00
		701	009	N	1.6E-01	1.9E-03	2.4E+00	1.0E+01
		774	001	N	1.4E-01	1.8E-03	2.7E-01	1.2E+00
		754	003	N	5.9E-02	1.7E-03	1.2E-01	5.2E-01
	TAN	652	003	N	1.2E-01	1.6E-03	2.4E-01	1.0E+00
	PER	626	004	N	8.1E-02	1.5E-03	2.8E-01	1.2E+00
	CFA	688	047	N	2.3E-01	1.4E-03	4.7E-01	2.0E+00
		609	001	N	1.8E-01	1.4E-03	4.7E-01	2.0E+00
	ANL	765	022	N	2.4E-01	1.4E-03	4.7E-01	2.1E+00
		785	017	N	1.7E-01	1.0E-03	3.3E-01	1.4E+00
	B08	601	003	N	7.8E-02	1.0E-03	1.6E-01	6.8E-01
	CFA	604	001	N	6.2E-02	9.4E-04	3.1E-01	1.4E+00
		675	002	N	2.3E-01	9.4E-04	3.1E-01	1.3E+00
	ANL	704	015	N	6.2E-02	8.6E-04	1.2E-01	5.3E-01
		720	018	N	4.1E-02	7.8E-04	8.1E-02	3.6E-01
		798	008	N	5.3E-02	7.0E-04	5.3E-02	2.3E-01
	WMF	610	004	Y	1.8E-05	6.4E-04	1.8E-05	7.9E-04
		711	004	Y	1.8E-04	6.4E-04	2.4E-04	1.1E-03
		612	004	Y	1.8E-04	6.4E-04	1.8E-04	7.9E-04
	TAN	681	023	Y	7.6E-02	6.1E-04	2.3E-04	1.0E-03
	CPP	1749	004	N	9.4E-02	5.6E-04	1.4E-01	6.1E-01
	TAN	687	020	N	5.6E-02	3.3E-04	1.1E-01	4.9E-01
	CPP	687	049	N	4.7E-02	3.0E-04	9.4E-02	4.1E-01
	CFA	664	035	Y	2.5E-03	3.0E-04	2.5E-03	1.1E-02

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
VOC-NONMETHANE	CPP	708	001	Y	3.7E+00	9.9E+00	1.2E+01	8.7E+00
	TAN	724	002	N	1.1E+00	4.7E+00	1.1E+00	4.7E+00
	CPP	701A	001	N	1.0E+00	3.9E+00	1.0E+00	3.9E+00
	CFA	102	001	Y	7.5E-01	3.3E+00	7.5E-01	3.3E+00
	TAN	704	001	N	7.0E-01	2.8E+00	7.0E-01	2.8E+00
	TRA	640	004	N	6.3E-01	2.7E+00	6.3E-01	2.7E+00
	CFA	623	017	Y	5.4E-01	2.4E+00	1.7E+00	7.4E+01
		101	001	Y	4.7E-01	2.1E+00	4.7E-01	2.1E+00
	TAN	767B	001	N	4.9E-01	1.9E+00	4.9E-01	1.9E+00
		767A	001	N	4.9E-01	1.9E+00	4.9E-01	1.9E+00
	ANL	755A	001	N	4.9E-01	1.6E+00	4.9E-01	1.6E+00
	TAN	701	001	Y	0.0E+00	1.5E+00	0.0E+00	1.5E+00
		681	004	N	3.9E-01	1.5E+00	3.9E-01	1.5E+00
		675	024	N	3.9E-01	1.5E+00	3.9E-01	1.5E+00
	TRA	670	046	N	6.2E-01	1.4E+00	7.8E-01	3.4E+00
	ANL	757	001	Y	3.1E-01	1.4E+00	2.9E-01	1.3E+00
	CFA	103	001	Y	3.1E-01	1.4E+00	3.1E-01	1.4E+00
	TRA	670	053	N	6.2E-01	1.4E+00	7.8E-01	3.4E+00
		771	001	Y	2.9E-01	1.3E+00	2.9E-01	1.3E+00
	TAN	702	001	N	3.3E-01	1.2E+00	3.3E-01	1.2E+00
	CFA	100	001	Y	3.6E-01	1.1E+00	3.6E-01	1.6E+00
	TAN	724	001	N	2.2E-01	9.6E-01	2.2E-01	9.6E-01
	CFA	754	003	N	2.9E+01	9.5E-01	2.9E+01	9.5E-01
	B16	708	001	Y	3.5E-01	9.5E-01	1.3E+00	5.7E+00
	CFA	754	007	N	2.9E+01	9.1E-01	2.9E+01	9.1E-01
	CPP	701B	001	N	2.6E-01	6.4E-01	2.6E-01	6.4E-01
	TAN	675	021	N	1.9E-01	5.6E-01	1.9E-01	5.6E-01
	TRA	727	004	N	2.1E-01	5.3E-01	2.1E-01	5.3E-01
	NRF	711	003	N	1.2E-01	5.1E-01	1.2E-01	5.1E-01
			001	N	1.2E-01	5.1E-01	1.2E-01	5.1E-01
			002	N	1.2E-01	5.1E-01	1.2E-01	5.1E-01
	CFA	665	050	Y	6.4E-01	5.0E-01	6.4E-01	9.3E-01
	NRF	747	002	N	1.1E-01	4.8E-01	1.1E-01	4.8E-01
			001	N	1.1E-01	4.8E-01	1.1E-01	4.8E-01
	ANL	755B	002	N	2.3E-01	4.8E-01	2.3E-01	4.8E-01
	CFA	732	001	N	1.6E-01	4.4E-01	1.6E-01	4.4E-01
	TRA	775	001	N	1.8E-01	4.3E-01	1.8E-01	4.3E-01
	CFA	708	001	N	2.1E-01	4.1E-01	2.1E-01	4.1E-01
	TRA	707	001	N	2.7E+01	3.7E-01	2.7E+01	3.7E-01
	TAN	702	002	N	8.3E-02	3.6E-01	8.3E-02	3.6E-01
	CFA	754	006	N	1.3E-01	3.5E-01	1.3E-01	3.5E-01
		623	005	Y	8.0E-02	3.5E-01	2.9E-01	1.3E+00
	TRA	727	003	N	1.6E-01	3.3E-01	1.6E-01	3.3E-01
	TAN	783	001	N	3.2E+01	3.1E-01	3.2E+01	3.1E-01
	CPP	663	048	Y	1.5E-01	3.1E-01	5.3E+00	1.1E+01
		787	001	Y	9.1E-02	2.9E-01	8.7E+00	3.8E+01
	CFA	713	001	N	3.2E+01	2.7E-01	3.2E+01	2.7E-01
	TAN	679	013	N	1.2E-01	2.7E-01	1.2E-01	2.7E-01
	NRF	602	006	Y	2.5E-01	2.6E-01	2.5E-01	1.1E+00
	TRA	614	032	Y	5.4E-02	2.4E-01	5.4E-02	2.4E-01
	CFA	731	001	N	9.3E+00	2.3E-01	9.3E+00	2.3E-01
		754	001	N	1.0E-01	2.3E-01	1.0E-01	2.3E-01
	TAN	792	001	N	1.1E-01	2.2E-01	1.1E-01	2.2E-01
	CFA	713	002	N	3.2E+01	2.2E-01	3.2E+01	2.2E-01
		754	002	N	9.7E-02	2.0E-01	9.7E-02	2.0E-01
		759	001	N	9.6E-02	1.7E-01	9.6E-02	1.7E-01
	CPP	702B	001	N	1.5E-01	1.6E-01	1.5E-01	1.6E-01

DESCENDING RANK OF EMISSIONS RATES AT THE INEL

POLLUTANT	AREA	BLDG	VENT	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
VOC-NONMETHANE	CPP	702A	001	N	1.5E-01	1.6E-01	1.5E-01	1.6E-01
	TAN	675	011	N	9.3E-02	1.5E-01	9.3E-02	1.5E-01
	PER	609	010	N	4.8E-02	1.3E-01	4.8E-02	1.3E-01
	ANL	768	133	Y	3.0E-02	1.3E-01	2.0E-02	8.9E-02
	CFA	754	005	N	8.1E-02	1.2E-01	8.1E-02	1.2E-01
			004	N	8.1E-02	1.2E-01	8.1E-02	1.2E-01
		757	001	N	8.4E-02	1.1E-01	8.4E-02	1.1E-01
		625	009	Y	1.1E-01	1.1E-01	3.1E-01	3.2E-01
	TAN	629	014	Y	1.1E+00	1.1E-01	4.0E+00	2.1E+00
			012	Y	1.1E+00	1.1E-01	4.0E+00	2.1E+00
	CFA	721	001	N	8.1E-02	1.0E-01	8.1E-02	1.0E-01
	CPP	703	002	N	3.2E+01	9.8E-02	3.2E+01	9.8E-02
	NRF	617C	001	N	6.5E-01	8.4E-02	9.1E-01	4.0E+00
		759B	001	N	1.3E-01	7.9E-02	1.3E-01	7.9E-02
		759A	001	N	1.3E-01	7.9E-02	1.3E-01	7.9E-02
		601A	019	Y	3.7E-02	7.8E-02	9.9E-02	4.3E-01
	CPP	602	012	Y	7.3E-02	7.6E-02	2.4E-01	2.5E-01
		659	011	N	7.5E-02	7.6E-02	7.5E-02	7.6E-02
			010	N	7.5E-02	7.6E-02	7.5E-02	7.6E-02
	NRF	739	002	N	1.7E-02	7.6E-02	1.7E-02	7.6E-02
			001	N	1.7E-02	7.6E-02	1.7E-02	7.6E-02
		709	001	N	1.3E-01	7.2E-02	1.3E-01	7.2E-02
		617C	002	N	6.5E-01	7.2E-02	9.1E-01	4.0E+00
	TAN	603	027	N	5.8E-03	6.8E-02	4.7E-02	2.0E-01
			028	N	.0E+00	6.8E-02	4.7E-02	2.1E-01
	ANL	742	005	N	7.2E-02	6.2E-02	7.2E-02	6.2E-02
	NRF	622	007	N	1.3E-01	6.2E-02	1.3E-01	6.2E-02
	ANL	768	005	N	7.2E-02	6.1E-02	7.2E-02	6.1E-02
	CFA	625	010	Y	5.8E-02	6.0E-02	1.8E-01	1.8E-01
	B21	608	008	Y	1.3E-02	5.8E-02	6.6E-02	2.9E-01
	ANL	742	002	N	3.2E+01	5.8E-02	3.2E+01	5.8E-02
			006	N	2.0E+01	5.7E-02	2.0E+01	5.7E-02
	PER	722	001	N	7.0E-02	5.2E-02	7.0E-02	5.2E-02
	ANL	752	005	Y	1.1E-02	4.8E-02	1.1E-02	4.8E-02
			004	Y	1.1E-02	4.8E-02	1.1E-02	4.8E-02
	NRF	618	103	Y	1.1E-02	4.4E-02	1.1E-02	6.2E-02
	CPP	606	004	N	3.4E-02	4.3E-02	7.2E-02	3.2E-01
	CFA	741	001	N	6.7E-02	4.1E-02	6.7E-02	4.1E-02
			002	N	6.7E-02	4.1E-02	6.7E-02	4.1E-02
		609	017	Y	8.0E-03	3.8E-02	8.0E-03	3.8E-02
			018	Y	8.0E-03	3.8E-02	8.0E-03	3.8E-02
		688	003	N	8.3E-03	3.6E-02	8.3E-03	3.6E-02
	CPP	663	054	Y	1.7E-02	3.6E-02	8.0E-01	1.7E+00
	NRF	603	031	Y	3.4E-02	3.6E-02	3.4E-02	1.5E-01
		618	099	Y	7.8E-03	3.4E-02	7.8E-03	4.8E-02
	CPP	644	002	N	6.5E-01	3.4E-02	1.3E+00	5.7E+00
		687	026	N	6.5E-01	3.4E-02	1.3E+00	5.7E+00
		644	013	N	1.2E-01	3.1E-02	1.2E-01	3.1E-02
	TRA	674	007	N	2.4E+00	3.1E-02	4.8E+00	2.1E+01
	NRF	620	014	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
			012	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
			013	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
		617C	003	N	3.4E-01	3.0E-02	3.4E-01	3.0E-02
	TAN	675	035	N	1.7E-02	2.9E-02	3.4E-02	1.5E-01
	CPP	703	001	N	6.4E-02	2.8E-02	6.4E-02	2.8E-02
	CFA	684	002	Y	9.1E+01	2.8E-02	9.1E+01	6.0E-02
	NRF	602	005	N	5.3E-01	2.7E-02	5.3E-01	2.3E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
ANL	701	009	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	5.1E-01	6.1E-03	7.8E+00	3.4E+01
	704	015		FUEL BURNING EQUIPMENT	N	2.0E-01	2.8E-03	4.0E-01	1.7E+00
	707	002		FUEL BURNING EQUIPMENT	N	2.0E+00	3.1E-02	2.3E+00	1.0E+01
	709	008		FUEL BURNING EQUIPMENT	N	1.1E+00	7.8E-03	2.1E+00	9.1E+00
		016		FUEL BURNING EQUIPMENT	N	1.3E+00	1.0E-02	2.6E+00	1.1E+01
	720	017		FUEL BURNING EQUIPMENT	N	4.1E-01	1.0E-02	8.7E-01	3.8E+00
		018		FUEL BURNING EQUIPMENT	N	1.3E-01	2.6E-03	2.7E-01	1.2E+00
	721	004		FUEL BURNING EQUIPMENT	N	1.3E-02	2.3E-03	1.3E-02	5.5E-02
	752A	001		FUEL BURNING EQUIPMENT	N	1.3E+00	1.7E-02	2.6E+00	1.1E+01
	754	003		FUEL BURNING EQUIPMENT	N	1.9E-01	5.6E-03	3.9E-01	1.7E+00
	765	022		FUEL BURNING EQUIPMENT	N	7.7E-01	4.4E-03	1.5E+00	6.7E+00
	768	003		FUEL BURNING EQUIPMENT	N	1.8E+00	2.5E-02	3.7E+00	1.6E+01
		022		FUEL BURNING EQUIPMENT	N	6.5E-01	2.5E-03	8.5E-01	3.7E+00
		024		FUEL BURNING EQUIPMENT	N	6.5E-01	6.3E-01	8.5E-01	3.7E+00
		027		FUEL BURNING EQUIPMENT	N	6.7E-01	6.3E-01	8.4E-01	3.7E+00
		028		FUEL BURNING EQUIPMENT	N	9.2E-01	7.7E-03	9.2E-01	4.0E+00
		034		FUEL BURNING EQUIPMENT	N	7.5E-01	2.5E-03	9.4E-01	4.1E+00
	774	001		FUEL BURNING EQUIPMENT	N	4.5E-01	5.8E-03	8.9E-01	3.9E+00
	785	016		FUEL BURNING EQUIPMENT	N	1.5E-01	8.7E-04	4.8E-01	2.1E+00
		017		FUEL BURNING EQUIPMENT	N	5.4E-01	3.4E-03	1.1E+00	4.7E+00
	789A	007		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	798	008		FUEL BURNING EQUIPMENT	N	1.7E-01	2.3E-03	1.7E-01	7.6E-01
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			sum			1.5E+01	1.4E+00	3.2E+01	1.4E+02
	701	009	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	2.3E+00	2.8E-02	3.6E+01	1.6E+02
	704	015		FUEL BURNING EQUIPMENT	N	9.4E-01	1.3E-02	1.8E+00	8.0E+00
	707	002		FUEL BURNING EQUIPMENT	N	9.4E+00	1.4E-01	1.1E+01	4.7E+01
	709	008		FUEL BURNING EQUIPMENT	N	4.3E+00	3.0E-02	8.0E+00	3.5E+01
		016		FUEL BURNING EQUIPMENT	N	5.0E+00	4.0E-02	1.0E+01	4.4E+01
	720	017		FUEL BURNING EQUIPMENT	N	1.9E+00	4.7E-02	4.0E+00	1.7E+01
		018		FUEL BURNING EQUIPMENT	N	6.1E-01	1.2E-02	1.2E+00	5.3E+00
	721	004		FUEL BURNING EQUIPMENT	N	4.5E-02	8.3E-03	4.5E-02	2.0E-01
	752A	001		FUEL BURNING EQUIPMENT	N	6.1E+00	7.9E-02	1.2E+01	5.2E+01
	754	003		FUEL BURNING EQUIPMENT	N	8.9E-01	2.6E-02	1.8E+00	7.8E+00
	765	022		FUEL BURNING EQUIPMENT	N	3.5E+00	2.0E-02	7.1E+00	3.1E+01
	768	003		FUEL BURNING EQUIPMENT	N	8.4E+00	1.2E-01	1.7E+01	7.4E+01
		022		FUEL BURNING EQUIPMENT	N	2.6E+00	1.0E-02	3.4E+00	1.5E+01
		024		FUEL BURNING EQUIPMENT	N	2.6E+00	2.5E+00	3.4E+00	1.5E+01
		027		FUEL BURNING EQUIPMENT	N	2.7E+00	2.5E+00	3.4E+00	1.5E+01
		028		FUEL BURNING EQUIPMENT	N	4.2E+00	3.5E-02	4.2E+00	1.8E+01
		034		FUEL BURNING EQUIPMENT	N	3.0E+00	1.0E-02	3.7E+00	1.6E+01
	774	001		FUEL BURNING EQUIPMENT	N	2.1E+00	2.7E-02	4.1E+00	1.8E+01
	785	016		FUEL BURNING EQUIPMENT	N	7.0E-01	4.0E-03	2.2E+00	9.7E+00
		017		FUEL BURNING EQUIPMENT	N	2.5E+00	1.5E-02	5.0E+00	2.2E+01
	789A	007		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	798	008		FUEL BURNING EQUIPMENT	N	8.0E-01	1.1E-02	8.0E-01	3.5E+00
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			sum			6.5E+01	5.7E+00	1.4E+02	6.1E+02
	701	009	PARTICULATE	FUEL BURNING EQUIPMENT	N	1.7E-01	2.0E-03	2.5E+00	1.1E+01
	704	015		FUEL BURNING EQUIPMENT	N	6.7E-02	9.2E-04	1.3E-01	5.7E-01
	707	002		FUEL BURNING EQUIPMENT	N	6.7E-01	1.0E-02	7.6E-01	3.3E+00
	709	008		FUEL BURNING EQUIPMENT	N	4.4E-01	3.0E-03	8.0E-01	3.5E+00
		016		FUEL BURNING EQUIPMENT	N	5.0E-01	4.0E-03	1.0E+00	4.4E+00
	720	017		FUEL BURNING EQUIPMENT	N	1.3E-01	3.3E-03	2.8E-01	1.2E+00
		018		FUEL BURNING EQUIPMENT	N	4.4E-02	8.4E-04	8.7E-02	3.8E-01
	721	004		FUEL BURNING EQUIPMENT	N	6.3E-03	1.2E-03	6.3E-03	2.7E-02
	752A	001		FUEL BURNING EQUIPMENT	N	4.4E-01	5.6E-03	8.5E-01	3.7E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
ANL	753	006	PARTICULATE	CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.1E-01	1.1E-01
		029		CHEMICAL SOURCES	Y	3.3E-03	1.7E-03	2.1E-01	1.1E-01
	754	003		FUEL BURNING EQUIPMENT	N	6.4E-02	1.8E-03	1.3E-01	5.6E-01
	757	001		COOLING TOWER	Y	5.6E+00	2.5E+01	1.2E+01	5.5E+01
	759	009		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	765	022		FUEL BURNING EQUIPMENT	N	2.5E-01	1.5E-03	5.1E-01	2.2E+00
	768	003		FUEL BURNING EQUIPMENT	N	6.0E-01	8.4E-03	1.2E+00	5.3E+00
		022		FUEL BURNING EQUIPMENT	N	2.6E-01	1.0E-03	3.4E-01	1.5E+00
		024		FUEL BURNING EQUIPMENT	N	2.6E-01	2.5E-01	3.4E-01	1.5E+00
		027		FUEL BURNING EQUIPMENT	N	2.7E-01	2.5E-01	3.4E-01	1.5E+00
		028		FUEL BURNING EQUIPMENT	N	3.0E-01	2.5E-03	3.0E-01	1.3E+00
		034		FUEL BURNING EQUIPMENT	N	3.0E-01	1.0E-03	3.7E-01	1.6E+00
	774	001		FUEL BURNING EQUIPMENT	N	1.5E-01	1.9E-03	2.9E-01	1.3E+00
	782	028		CHEMICAL SOURCES	Y	4.3E-03	3.1E-03	5.1E-01	3.6E-01
	785	016		FUEL BURNING EQUIPMENT	N	5.0E-02	2.8E-04	1.6E-01	6.9E-01
		017		FUEL BURNING EQUIPMENT	N	1.8E-01	1.1E-03	3.6E-01	1.6E+00
	788	013		CHEMICAL SOURCES	Y	1.9E-04	4.9E-06	1.3E-01	5.7E-01
		014		CHEMICAL SOURCES	Y	1.8E-03	7.1E-05	1.8E-02	7.9E-02
	789A	007		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	798	008		FUEL BURNING EQUIPMENT	N	5.7E-02	7.5E-04	5.7E-02	2.5E-01
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			sum			1.1E+01	2.5E+01	2.4E+01	1.0E+02
	721	004	PB	FUEL BURNING EQUIPMENT	N	3.1E-06	5.8E-07	3.1E-06	1.4E-05
	768	022		FUEL BURNING EQUIPMENT	N	1.6E-04	6.3E-07	2.1E-04	9.3E-04
		024		FUEL BURNING EQUIPMENT	N	1.6E-04	1.6E-04	2.1E-04	9.3E-04
		027		FUEL BURNING EQUIPMENT	N	1.7E-04	1.6E-04	2.1E-04	9.2E-04
		034		FUEL BURNING EQUIPMENT	N	1.9E-04	6.3E-07	2.3E-04	1.0E-03
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			sum			6.9E-04	3.2E-04	8.8E-04	3.8E-03
	704	008	RADIONUCLIDE	CHEMICAL SOURCES	Y	1.0E-07	4.2E-07	4.9E-06	5.9E-05
	720	007		CHEMICAL SOURCES	Y	1.4E-01	8.5E-01	3.0E+01	3.6E+02
		027		SUSPECT WASTE TANK	Y	.0E+00	.0E+00	.0E+00	.0E+00
	752	004		CHEMICAL SOURCES	Y	1.6E-05	1.9E-04	5.2E-02	6.3E-01
		005		CHEMICAL SOURCES	Y	1.2E-07	1.4E-06	3.8E-04	4.6E-03
	764	001		CHEMICAL SOURCES	Y	8.5E+01	1.0E+03	1.9E+02	1.3E+03
	766	056		CHEMICAL SOURCES		.0E+00	.0E+00	.0E+00	.0E+00
		057		CHEMICAL SOURCES		.0E+00	.0E+00	.0E+00	.0E+00
	768	105		SUSPECT WATER WASTE (RAD)	Y	.0E+00	.0E+00	4.8E-08	5.7E-07
		108		CHEMICAL SOURCES	Y	.0E+00	.0E+00	7.5E-12	9.0E-10
	774	008		REACTOR ROOM VENTILATION	Y	.0E+00	.0E+00	2.9E-03	3.5E-02
		025		REACTOR COOLING AIR	Y	.0E+00	.0E+00	1.3E-06	1.5E-05
	776	001		REACTOR VESSEL	Y	.0E+00	.0E+00	2.5E-04	3.1E-03
	777	002		REACTOR COOLING AIR EXH.	Y	1.5E-01	1.8E+00	1.5E-01	1.8E+00
	784	010		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	785	011		ROOM EXHAUST	Y	.0E+00	.0E+00	.0E+00	.0E+00
		018		CHEMICAL SOURCES	Y	6.5E+00	7.7E+01	2.9E+01	1.1E+02
	787	001		CHEMICAL SOURCES	Y	1.4E-07	2.1E-07	2.6E-06	3.1E-05
	793	001		CHEMICAL SOURCES	Y	3.7E-02	4.4E-01	3.7E-02	4.4E-01
	793A	029		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		030		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	794	006		STORAGE FACILITY	Y	.0E+00	.0E+00	.0E+00	.0E+00
	798	017		CHEMICAL SOURCES	Y	2.3E-02	2.8E-01	2.3E-02	2.8E-01
	799	003		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		010		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
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			sum			9.2E+01	1.1E+03	2.5E+02	1.8E+03
	701	009	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	1.6E-01	1.9E-03	2.4E+00	1.0E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
ANL	704	015	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	6.2E-02	8.6E-04	1.2E-01	5.3E-01
	707	002		FUEL BURNING EQUIPMENT	N	6.2E-01	9.4E-03	7.1E-01	3.1E+00
	709	008		FUEL BURNING EQUIPMENT	N	3.1E-01	2.2E-03	5.8E-01	2.5E+00
		016		FUEL BURNING EQUIPMENT	N	3.6E-01	2.9E-03	7.2E-01	3.2E+00
	720	017		FUEL BURNING EQUIPMENT	N	1.2E-01	3.1E-03	2.7E-01	1.2E+00
		018		FUEL BURNING EQUIPMENT	N	4.1E-02	7.8E-04	8.1E-02	3.6E-01
	721	004		FUEL BURNING EQUIPMENT	N	1.8E-01	3.3E-02	1.8E-01	7.9E-01
	752A	001		FUEL BURNING EQUIPMENT	N	4.1E-01	5.2E-03	8.0E-01	3.5E+00
	754	003		FUEL BURNING EQUIPMENT	N	5.9E-02	1.7E-03	1.2E-01	5.2E-01
	765	022		FUEL BURNING EQUIPMENT	N	2.4E-01	1.4E-03	4.7E-01	2.1E+00
	768	003		FUEL BURNING EQUIPMENT	N	5.6E-01	7.8E-03	1.1E+00	4.9E+00
		022		FUEL BURNING EQUIPMENT	N	9.4E+00	3.6E-02	1.2E+01	5.4E+01
		024		FUEL BURNING EQUIPMENT	N	9.4E+00	9.0E+00	1.2E+01	5.4E+01
		027		FUEL BURNING EQUIPMENT	N	9.6E+00	9.0E+00	1.2E+01	5.3E+01
		028		FUEL BURNING EQUIPMENT	N	2.8E-01	2.3E-03	2.8E-01	1.2E+00
		034		FUEL BURNING EQUIPMENT	N	1.1E+01	3.6E-02	1.3E+01	5.9E+01
	774	001		FUEL BURNING EQUIPMENT	N	1.4E-01	1.8E-03	2.7E-01	1.2E+00
	785	016		FUEL BURNING EQUIPMENT	N	4.7E-02	2.7E-04	1.5E-01	6.4E-01
		017		FUEL BURNING EQUIPMENT	N	1.7E-01	1.0E-03	3.3E-01	1.4E+00
	789A	007		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	798	008		FUEL BURNING EQUIPMENT	N	5.3E-02	7.0E-04	5.3E-02	2.3E-01
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			sum			4.3E+01	1.8E+01	5.9E+01	2.6E+02
	701	009	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	2.2E-01	2.7E-03	3.4E+00	1.5E+01
		012		STORAGE TANK - VOC	N	1.2E-02	3.2E-03	1.2E-02	3.2E-03
		020		STORAGE TANK - VOC	N	3.4E-02	2.4E-04	3.4E-02	2.4E-04
	704	008		CHEMICAL SOURCES	Y	3.0E-04	1.3E-03	6.6E-03	1.5E-02
		015		FUEL BURNING EQUIPMENT	N	8.9E-02	1.2E-03	1.7E-01	7.6E-01
	707	001		STORAGE TANK - VOC	N	3.5E-02	3.6E-03	3.5E-02	3.6E-03
		002		FUEL BURNING EQUIPMENT	N	8.9E-01	1.3E-02	1.0E+00	4.4E+00
	709	001		STORAGE TANK - VOC	N	1.7E-01	8.7E-03	1.7E-01	8.7E-03
		008		FUEL BURNING EQUIPMENT	N	1.1E-01	7.8E-04	2.1E-01	9.1E-01
		009		STORAGE TANK - VOC	N	.0E+00	.0E+00	.0E+00	.0E+00
		016		FUEL BURNING EQUIPMENT	N	1.3E-01	1.0E-03	2.6E-01	1.1E+00
	720	017		FUEL BURNING EQUIPMENT	N	1.8E-01	4.5E-03	3.8E-01	1.7E+00
		018		FUEL BURNING EQUIPMENT	N	5.8E-02	1.1E-03	1.2E-01	5.1E-01
		021		STORAGE TANK - VOC	N	3.4E-03	1.6E-04	3.4E-03	1.6E-04
		022		STORAGE TANK - VOC	N	3.4E-03	1.4E-04	3.4E-03	1.4E-04
		025		STORAGE TANK - VOC	N	5.9E-02	4.1E-03	5.9E-02	4.1E-03
	721	003		STORAGE TANK - VOC	N	6.2E-02	1.7E-02	6.2E-02	1.7E-02
		004		FUEL BURNING EQUIPMENT	N	1.8E-03	3.3E-04	1.8E-03	7.8E-03
	742	002		STORAGE TANK - VOC	N	3.2E+01	5.8E-02	3.2E+01	5.8E-02
		005		STORAGE TANK - VOC	N	7.2E-02	6.2E-02	7.2E-02	6.2E-02
		006		STORAGE TANK - VOC	N	2.0E+01	5.7E-02	2.0E+01	5.7E-02
	752	004		CHEMICAL SOURCES	Y	1.1E-02	4.8E-02	1.1E-02	4.8E-02
		005		CHEMICAL SOURCES	Y	1.1E-02	4.8E-02	1.1E-02	4.8E-02
	752A	001		FUEL BURNING EQUIPMENT	N	5.8E-01	7.5E-03	1.1E+00	5.0E+00
		005		STORAGE TANK - VOC	N	6.2E-02	1.7E-02	6.2E-02	1.7E-02
	753	006		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.0E+00	4.2E+00
		029		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.2E+01	1.2E+00
	754	001		STORAGE TANK - VOC	N	1.7E-01	1.7E-03	1.7E-01	1.7E-03
		003		FUEL BURNING EQUIPMENT	N	8.5E-02	2.4E-03	1.7E-01	7.4E-01
	755A	001		STORAGE TANK - VOC	N	4.9E-01	1.6E+00	4.9E-01	1.6E+00
	755B	002		STORAGE TANK - VOC	N	2.3E-01	4.8E-01	2.3E-01	4.8E-01
	757	001		COOLING TOWER	Y	3.1E-01	1.4E+00	2.9E-01	1.3E+00
	765	022		FUEL BURNING EQUIPMENT	N	3.4E-01	1.9E-03	6.7E-01	2.9E+00
		073		STORAGE TANK - VOC	N	5.9E-02	6.2E-03	5.9E-02	6.2E-03

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
ANL	768	003	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	8.0E-01	1.1E-02	1.6E+00	7.0E+00
		004		STORAGE TANK - VOC	N	6.2E-02	1.5E-02	6.2E-02	1.5E-02
		005		STORAGE TANK - VOC	N	7.2E-02	6.1E-02	7.2E-02	6.1E-02
		007		STORAGE TANK - VOC	N	1.7E-02	6.8E-04	1.7E-02	6.8E-04
		022		FUEL BURNING EQUIPMENT	N	2.6E-02	1.0E-04	3.4E-02	1.5E-01
		024		FUEL BURNING EQUIPMENT	N	2.6E-02	2.5E-02	3.4E-02	1.5E-01
		027		FUEL BURNING EQUIPMENT	N	2.7E-02	2.5E-02	3.4E-02	1.5E-01
		028		FUEL BURNING EQUIPMENT	N	4.0E-01	3.3E-03	4.0E-01	1.8E+00
		034		FUEL BURNING EQUIPMENT	N	3.0E-02	1.0E-04	3.7E-02	1.6E-01
		051		STORAGE TANK - VOC	Y	1.7E-06	7.3E-06	1.7E-04	7.3E-04
		133		CHEMICAL SOURCES	Y	3.0E-02	1.3E-01	2.0E-02	8.9E-02
	768B	121		CHEMICAL SOURCES	Y	2.3E-04	1.0E-03	6.3E-03	2.8E-02
	772	022		CHEMICAL SOURCES	Y	4.3E-03	4.5E-03	4.3E-03	1.9E-02
	774	001		FUEL BURNING EQUIPMENT	N	2.0E-01	2.5E-03	3.9E-01	1.7E+00
		002		STORAGE TANK - VOC	N	1.9E-02	6.5E-04	1.9E-02	6.5E-04
		003		STORAGE TANK - VOC	N	5.9E-02	6.1E-03	5.9E-02	6.1E-03
	784	010		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	785	009		STORAGE TANK - VOC	N	.0E+00	.0E+00	.0E+00	.0E+00
		014		STORAGE TANK - VOC	N	2.1E-26	9.3E-26	2.1E-26	9.3E-26
		016		FUEL BURNING EQUIPMENT	N	6.7E-02	3.8E-04	2.1E-01	9.2E-01
		017		FUEL BURNING EQUIPMENT	N	2.4E-01	1.5E-03	4.7E-01	2.1E+00
		018		CHEMICAL SOURCES	Y	6.8E-04	3.0E-03	2.7E-03	1.2E-02
	788	014		CHEMICAL SOURCES	Y	3.6E-01	1.4E-02	3.6E-01	1.5E+00
	789A	007		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	793	011		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		012		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		013		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		014		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		015		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	793A	025		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		026		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		027		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		028		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		029		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		030		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		031		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		032		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		033		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		034		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		035		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		036		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	793B	019		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		020		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	798	007		STORAGE TANK - VOC	N	8.5E-03	2.4E-04	8.5E-03	2.4E-04
		008		FUEL BURNING EQUIPMENT	N	7.6E-02	1.0E-03	7.6E-02	3.3E-01
	****	****	**********						
			sum			6.0E+01	4.1E+00	8.5E+01	5.8E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
ARA	IV	001	CARBON MONOXIDE	CHEMICAL SOURCES	Y	1.8E+00	2.0E-02	3.5E+00	3.9E-02
	****	****	**********						
			sum			1.8E+00	2.0E-02	3.5E+00	3.9E-02
	IV	001	NITROGEN OXIDES	CHEMICAL SOURCES	Y	6.6E-02	6.3E-04	1.2E-01	1.3E-03
		002		CHEMICAL SOURCES	Y	3.7E-04	6.3E-04	7.3E-04	1.3E-03
	****	****	**********						
			sum			6.6E-02	1.3E-03	1.2E-01	2.5E-03
	IV	001	PARTICULATE	CHEMICAL SOURCES	Y	9.0E+00	1.0E-01	1.8E+01	2.0E-01
		002		CHEMICAL SOURCES	Y	5.0E-02	1.0E-01	1.0E-01	2.0E-01
	****	****	**********						
			sum			9.1E+00	2.0E-01	1.8E+01	4.0E-01
	IV	001	SULFUR OXIDES	CHEMICAL SOURCES	Y	6.6E-03	7.7E-05	1.2E-02	1.5E-04
		002		CHEMICAL SOURCES	Y	3.7E-05	7.7E-05	7.3E-05	1.5E-04
	****	****	**********						
			sum			6.6E-03	1.5E-04	1.2E-02	3.1E-04
	IV	001	VOC-NONMETHANE	CHEMICAL SOURCES	Y	4.4E-02	4.0E-04	8.8E-02	8.0E-04
		002		CHEMICAL SOURCES	Y	2.5E-04	4.0E-04	4.9E-04	8.0E-04
	****	****	**********						
			sum			4.4E-02	8.0E-04	8.8E-02	1.6E-03

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
B08	601	003	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	2.5E-01	3.3E-03	5.1E-01	2.2E+00
	****	****	**********						
			sum			2.5E-01	3.3E-03	5.1E-01	2.2E+00
	601	003	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.2E+00	1.5E-02	2.3E+00	1.0E+01
	****	****	**********						
			sum			1.2E+00	1.5E-02	2.3E+00	1.0E+01
	601	003	PARTICULATE	FUEL BURNING EQUIPMENT	N	8.4E-02	1.1E-03	1.7E-01	7.3E-01
	****	****	**********						
			sum			8.4E-02	1.1E-03	1.7E-01	7.3E-01
	601	003	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	7.8E-02	1.0E-03	1.6E-01	6.8E-01
	****	****	**********						
			sum			7.8E-02	1.0E-03	1.6E-01	6.8E-01
	601	001	VOC-NONMETHANE	STORAGE TANK - VOC	N	3.4E-01	3.1E-04	3.4E-01	3.1E-04
		003		FUEL BURNING EQUIPMENT	N	1.1E-01	1.4E-03	2.2E-01	9.8E-01
	****	****	**********						
			sum			4.5E-01	1.8E-03	5.6E-01	9.8E-01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
B16	601	007	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	Y	1.3E-02	5.4E-03	1.3E-02	5.6E-02
	708	001		EVAPORATION POND	Y	2.8E+00	1.7E-02	1.1E+01	4.7E+01
	****	****	**********						
			sum			2.8E+00	2.2E-02	1.1E+01	4.7E+01
	601	007	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	Y	4.6E-02	1.9E-02	4.6E-02	2.0E-01
	708	001		EVAPORATION POND	Y	1.3E+00	8.1E-03	1.0E+01	4.4E+01
	****	****	**********						
			sum			1.3E+00	2.7E-02	1.0E+01	4.4E+01
	601	007	PARTICULATE	FUEL BURNING EQUIPMENT	Y	2.7E-03	2.7E-03	2.7E-03	1.2E-02
	708	001		EVAPORATION POND	Y	3.1E-01	1.9E-03	1.2E+00	5.0E+00
	****	****	**********						
			sum			3.1E-01	4.6E-03	1.2E+00	5.0E+00
	601	007	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	3.7E-02	3.7E-02	3.7E-02	1.6E-01
	708	001		EVAPORATION POND	Y	1.0E+00	5.5E-03	3.4E+00	1.5E+01
	****	****	**********						
			sum			1.0E+00	4.3E-02	3.4E+00	1.5E+01
	601	007	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	Y	1.8E-03	7.7E-04	1.8E-03	8.0E-03
		008		STORAGE TANK - VOC	N	5.9E-02	4.0E-03	5.9E-02	4.0E-03
	703	001		STORAGE TANK - VOC	N	.0E+00	.0E+00	.0E+00	.0E+00
	708	001		EVAPORATION POND	Y	3.5E-01	9.5E-01	1.3E+00	5.7E+00
	****	****	**********						
			sum			4.1E-01	9.5E-01	1.4E+00	5.7E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
B21	608	012	CARBON MONOXIDE	FIRING RANGE	Y	3.0E-03	4.0E-03	3.0E-03	1.4E-02
	****	****	**********						
			sum			3.0E-03	4.0E-03	3.0E-03	1.4E-02
	608	012	PARTICULATE	FIRING RANGE	Y	2.4E-06	3.2E-06	2.4E-06	1.1E-05
	****	****	**********						
			sum			2.4E-06	3.2E-06	2.4E-06	1.1E-05
	608	012	PB	FIRING RANGE	Y	2.0E-06	3.0E-06	2.0E-06	1.1E-05
	****	****	**********						
			sum			2.0E-06	3.0E-06	2.0E-06	1.1E-05
	608	008	VOC-NONMETHANE	CHEMICAL SOURCES	Y	1.3E-02	5.8E-02	6.6E-02	2.9E-01
	****	****	**********						
			sum			1.3E-02	5.8E-02	6.6E-02	2.9E-01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
B23	602	002	VOC-NONMETHANE	STORAGE TANK - VOC	N	3.4E-01	3.3E-04	3.4E-01	3.3E-04
	****	****	**********						
			sum			3.4E-01	3.3E-04	3.4E-01	3.3E-04

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
B27	601	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	2.5E-01	3.3E-04	5.1E-01	2.2E+00
	****	****	**********						
			sum			2.5E-01	3.3E-04	5.1E-01	2.2E+00
	601	001	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.2E+00	1.5E-03	2.3E+00	1.0E+01
	****	****	**********						
			sum			1.2E+00	1.5E-03	2.3E+00	1.0E+01
	601	001	PARTICULATE	FUEL BURNING EQUIPMENT	N	8.4E-02	1.1E-04	1.7E-01	7.3E-01
	****	****	**********						
			sum			8.4E-02	1.1E-04	1.7E-01	7.3E-01
	601	001	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	7.8E-02	1.0E-04	1.6E-01	6.8E-01
	****	****	**********						
			sum			7.8E-02	1.0E-04	1.6E-01	6.8E-01
	601	001	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	1.1E-01	1.4E-04	2.2E-01	9.8E-01
		003		STORAGE TANK - VOC	N	3.4E-01	3.1E-04	3.4E-01	3.1E-04
	****	****	**********						
			sum			4.5E-01	4.5E-04	5.6E-01	9.8E-01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CFA	604	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	2.0E-01	3.1E-03	1.0E+00	4.5E+00
	607	004		FUEL BURNING EQUIPMENT	N	6.4E-07	2.2E-03	2.4E-02	1.1E-01
	608	001		FUEL BURNING EQUIPMENT	N	5.7E-03	2.8E-02	5.4E-02	2.3E-01
	609	001		FUEL BURNING EQUIPMENT	N	5.8E-01	4.6E-03	1.5E+00	6.7E+00
		005		FUEL BURNING EQUIPMENT	N	5.7E-03	2.8E-02	7.5E-02	3.3E-01
	613	003		FUEL BURNING EQUIPMENT	N	1.3E-03	3.8E-03	1.2E-02	5.3E-02
	617	024		FUEL BURNING EQUIPMENT	Y	2.9E-02	1.1E-02	6.5E-02	2.8E-01
	633	091		FUEL BURNING EQUIPMENT	N	4.2E-01	1.1E-02	5.8E-01	2.5E+00
	650	007		FUEL BURNING EQUIPMENT	N	1.1E-02	3.0E-02	1.7E-01	7.7E-01
	662	011		FUEL BURNING EQUIPMENT	N	1.6E-02	3.9E-02	1.2E-01	5.3E-01
		027		FUEL BURNING EQUIPMENT	N	2.1E-02	1.2E-01	1.8E-01	7.8E-01
	664	034		FUEL BURNING EQUIPMENT	Y	4.8E-03	5.7E-04	4.8E-03	2.1E-02
		035		FUEL BURNING EQUIPMENT	Y	4.8E-03	5.7E-04	4.8E-03	2.1E-02
	665	028		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.8E-01	7.9E-01
		029		FUEL BURNING EQUIPMENT	N	7.0E-02	2.5E-01	4.2E-01	1.8E+00
		030		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.8E-01	7.9E-01
	668	006		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	2.3E+00	1.0E+01
		023		FUEL BURNING EQUIPMENT	N	3.7E-03	1.7E-02	2.5E-02	1.1E-01
	671	007		FUEL BURNING EQUIPMENT	N	4.9E-03	9.0E-02	2.8E-01	1.2E+00
		008		FUEL BURNING EQUIPMENT	N	5.5E-03	9.0E-02	2.8E-01	1.2E+00
	675	002		FUEL BURNING EQUIPMENT	N	7.6E-01	3.1E-03	1.0E+00	4.4E+00
	679	007		FUEL BURNING EQUIPMENT	Y	1.4E-02	1.8E-04	1.4E-02	6.3E-02
	682	002		FUEL BURNING EQUIPMENT	N	1.1E+00	2.6E-02	2.1E+00	9.2E+00
	688	043		FUEL BURNING EQUIPMENT	N	2.6E-02	1.3E-01	4.1E-01	1.8E+00
		044		FUEL BURNING EQUIPMENT	N	3.1E-01	6.4E-02	1.7E-01	7.7E-01
		047		FUEL BURNING EQUIPMENT	N	7.6E-01	4.6E-03	1.5E+00	6.7E+00
	****	****	**********						
			sum			4.4E+00	9.5E-01	1.3E+01	5.6E+01
	604	001	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	9.4E-01	1.4E-02	4.7E+00	2.1E+01
	607	004		FUEL BURNING EQUIPMENT	N	2.3E-06	7.7E-03	8.6E-02	3.8E-01
	608	001		FUEL BURNING EQUIPMENT	N	2.3E-02	1.1E-01	2.1E-01	9.4E-01
	609	001		FUEL BURNING EQUIPMENT	N	2.6E+00	2.1E-02	7.0E+00	3.1E+01
		005		FUEL BURNING EQUIPMENT	N	2.3E-02	1.1E-01	3.0E-01	1.3E+00
	612	007		AA BURNS ACETYLENE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	613	003		FUEL BURNING EQUIPMENT	N	4.7E-03	1.4E-02	4.3E-02	1.9E-01
	617	024		FUEL BURNING EQUIPMENT	Y	1.3E-01	5.3E-02	3.0E-01	1.3E+00
	625	009		CHEMICAL SOURCES	Y	2.1E-02	2.2E-02	6.3E-02	6.5E-02
	633	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		003		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		008		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		009		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		011		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		015		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		020		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		021		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		028		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		040		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		091		FUEL BURNING EQUIPMENT	N	1.9E+00	4.9E-02	2.7E+00	1.2E+01
	650	007		FUEL BURNING EQUIPMENT	N	4.3E-02	1.2E-01	7.0E-01	3.1E+00
	662	011		FUEL BURNING EQUIPMENT	N	6.6E-02	1.6E-01	4.8E-01	2.1E+00
		027		FUEL BURNING EQUIPMENT	N	8.4E-02	4.7E-01	7.1E-01	3.1E+00
	664	034		FUEL BURNING EQUIPMENT	Y	3.5E-02	4.2E-03	3.5E-02	1.5E-01
		035		FUEL BURNING EQUIPMENT	Y	3.5E-02	4.2E-03	3.5E-02	1.5E-01
	665	028		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.2E-01	3.2E+00
		029		FUEL BURNING EQUIPMENT	N	2.8E-01	1.0E+00	1.7E+00	7.3E+00
		030		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.2E-01	3.2E+00
	668	006		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.1E+01	4.6E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CFA	668	023	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.5E-02	6.6E-02	9.8E-02	4.3E-01
	671	007		FUEL BURNING EQUIPMENT	N	2.0E-02	3.6E-01	1.1E+00	4.9E+00
		008		FUEL BURNING EQUIPMENT	N	2.2E-02	3.6E-01	1.1E+00	4.9E+00
	675	002		FUEL BURNING EQUIPMENT	N	3.5E+00	1.4E-02	4.6E+00	2.0E+01
	679	007		FUEL BURNING EQUIPMENT	Y	1.1E-01	1.3E-03	1.1E-01	4.7E-01
	682	002		FUEL BURNING EQUIPMENT	N	5.2E+00	1.2E-01	9.6E+00	4.2E+01
	688	043		FUEL BURNING EQUIPMENT	N	1.0E-01	5.1E-01	1.6E+00	7.1E+00
		044		FUEL BURNING EQUIPMENT	N	1.2E+00	2.6E-01	7.0E-01	3.1E+00
		047		FUEL BURNING EQUIPMENT	N	3.5E+00	2.1E-02	7.0E+00	3.1E+01
	****	****	**********						
			sum			2.0E+01	3.9E+00	5.7E+01	2.5E+02
	100	001	PARTICULATE	AREA SOURCE	Y	2.3E+01	1.0E+02	3.8E+01	1.7E+02
	101	001		FUGITIVE DUST SOURCE	Y	1.3E-01	5.5E-01	2.8E+00	6.3E-01
	602	016		CHEMICAL SOURCES	Y	2.2E-04	9.9E-04	2.2E-03	9.9E-03
	604	001		FUEL BURNING EQUIPMENT	N	6.7E-02	1.0E-03	3.4E-01	1.5E+00
	607	004		FUEL BURNING EQUIPMENT	N	3.2E-07	1.1E-03	1.2E-02	5.3E-02
	608	001		FUEL BURNING EQUIPMENT	N	2.3E-03	1.1E-02	2.1E-02	9.4E-02
	609	001		FUEL BURNING EQUIPMENT	N	1.9E-01	1.5E-03	5.0E-01	2.2E+00
		005		FUEL BURNING EQUIPMENT	N	2.3E-03	1.1E-02	3.0E-02	1.3E-01
	612	007		AA BURNS ACETYLENE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	613	003		FUEL BURNING EQUIPMENT	N	6.5E-04	1.9E-03	6.0E-03	2.6E-02
	617	024		FUEL BURNING EQUIPMENT	Y	6.6E-03	2.6E-03	1.5E-02	6.6E-02
	622	006		ZERO EMISSION FUMEHOOD	Y	1.2E-03	1.2E-03	1.3E-02	1.4E-02
		009		CHEMICAL SOURCES	Y	1.2E-03	1.2E-03	1.3E-02	1.4E-02
		015		CHEMICAL SOURCES	Y	1.2E-03	1.2E-03	1.3E-02	1.4E-02
		019		CHEMICAL SOURCES	Y	1.2E-03	1.2E-03	1.3E-02	1.4E-02
		020		CHEMICAL SOURCES	Y	1.2E-03	1.2E-03	1.3E-02	1.4E-02
		021		CHEMICAL SOURCES	Y	1.2E-03	1.2E-03	1.3E-02	1.4E-02
	623	007		CHEMICAL SOURCES	Y	7.8E+00	3.0E+00	3.9E+01	4.0E+01
		017		CHEMICAL SOURCES	Y	8.0E-02	4.0E-02	9.0E-02	1.0E-01
	633	091		FUEL BURNING EQUIPMENT	N	1.4E-01	3.5E-03	1.9E-01	8.4E-01
	650	007		FUEL BURNING EQUIPMENT	N	4.3E-03	1.2E-02	7.0E-02	3.1E-01
	662	011		FUEL BURNING EQUIPMENT	N	6.6E-03	1.6E-02	4.8E-02	2.1E-01
		027		FUEL BURNING EQUIPMENT	N	8.4E-03	4.7E-02	7.1E-02	3.1E-01
	664	034		FUEL BURNING EQUIPMENT	Y	1.0E-03	1.2E-04	1.0E-03	4.4E-03
		035		FUEL BURNING EQUIPMENT	Y	1.0E-03	1.2E-04	1.0E-03	4.4E-03
	665	028		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.2E-02	3.2E-01
		029		FUEL BURNING EQUIPMENT	N	2.8E-02	1.0E-01	1.7E-01	7.3E-01
		030		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.2E-02	3.2E-01
		050		CHEMICAL SOURCES	Y	1.9E-01	1.5E-01	1.9E-01	2.7E-01
	668	006		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.5E-01	3.3E+00
		023		FUEL BURNING EQUIPMENT	N	1.5E-03	6.6E-03	9.8E-03	4.3E-02
	671	007		FUEL BURNING EQUIPMENT	N	2.0E-03	3.6E-02	1.1E-01	4.9E-01
		008		FUEL BURNING EQUIPMENT	N	2.2E-03	3.6E-02	1.1E-01	4.9E-01
	675	002		FUEL BURNING EQUIPMENT	N	2.5E-01	1.0E-03	3.3E-01	1.4E+00
	679	007		FUEL BURNING EQUIPMENT	Y	3.0E-03	3.7E-05	3.0E-03	1.3E-02
	682	002		FUEL BURNING EQUIPMENT	N	3.7E-01	8.5E-03	6.9E-01	3.0E+00
	688	002		CHEMICAL SOURCES	Y	7.2E-04	1.9E-04	8.6E-02	3.8E-01
		043		FUEL BURNING EQUIPMENT	N	1.0E-02	5.1E-02	1.6E-01	7.1E-01
		044		FUEL BURNING EQUIPMENT	N	1.2E-01	2.6E-02	7.0E-02	3.1E-01
		047		FUEL BURNING EQUIPMENT	N	2.5E-01	1.5E-03	5.0E-01	2.2E+00
	690	048		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.2E-02	9.6E-02
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			sum			3.3E+01	1.1E+02	8.4E+01	2.3E+02
	604	001	PB	FUEL BURNING EQUIPMENT	Y	3.4E-04	5.1E-06	1.7E-03	7.5E-03
	607	004		FUEL BURNING EQUIPMENT	N	1.6E-10	5.4E-07	6.0E-06	2.6E-05
	608	001		FUEL BURNING EQUIPMENT	N	1.4E-06	7.0E-06	1.3E-05	5.9E-05

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CFA	609	001	PB	FUEL BURNING EQUIPMENT	Y	9.8E-04	7.7E-06	2.6E-03	1.1E-02
		005		FUEL BURNING EQUIPMENT	N	1.4E-06	7.0E-06	1.9E-05	8.2E-05
	613	003		FUEL BURNING EQUIPMENT	N	3.3E-07	9.6E-07	3.0E-06	1.3E-05
	633	091		FUEL BURNING EQUIPMENT	Y	7.0E-04	1.8E-05	9.8E-04	4.3E-03
	650	007		FUEL BURNING EQUIPMENT	N	2.7E-06	7.4E-06	4.4E-05	1.9E-04
	662	011		FUEL BURNING EQUIPMENT	N	4.1E-06	9.8E-06	3.0E-05	1.3E-04
		027		FUEL BURNING EQUIPMENT	N	5.3E-06	2.9E-05	4.5E-05	2.0E-04
	665	028		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	4.5E-05	2.0E-04
		029		FUEL BURNING EQUIPMENT	N	1.8E-05	6.3E-05	1.0E-04	4.6E-04
		030		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	4.5E-05	2.0E-04
	668	006		FUEL BURNING EQUIPMENT	Y	3.9E-03	1.2E-05	3.9E-03	1.7E-02
		023		FUEL BURNING EQUIPMENT	N	9.4E-07	4.1E-06	6.1E-06	2.7E-05
	671	007		FUEL BURNING EQUIPMENT	N	1.2E-06	2.3E-05	7.0E-05	3.1E-04
		008		FUEL BURNING EQUIPMENT	N	1.4E-06	2.3E-05	7.0E-05	3.1E-04
	675	002		FUEL BURNING EQUIPMENT	Y	1.3E-03	5.1E-06	1.7E-03	7.4E-03
	682	002		FUEL BURNING EQUIPMENT	Y	1.9E-03	4.3E-05	3.5E-03	1.5E-02
	688	043		FUEL BURNING EQUIPMENT	N	6.4E-06	3.2E-05	1.0E-04	4.5E-04
		044		FUEL BURNING EQUIPMENT	N	7.7E-05	1.6E-05	4.4E-05	1.9E-04
		047		FUEL BURNING EQUIPMENT	Y	1.3E-03	7.7E-06	2.6E-03	1.1E-02
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			sum			1.0E-02	3.2E-04	1.8E-02	7.6E-02
	617	010	RADIONUCLIDE	LAUNDRY DRYER	Y	9.2E-08	6.4E-07	4.7E-04	5.6E-03
		011		LAUNDRY DRYER	Y	9.2E-08	6.4E-07	4.7E-04	5.6E-03
		026		RAD DECON HOOD	Y	.0E+00	.0E+00	.0E+00	.0E+00
		030		RESP DRYING OVEN #1	Y	1.8E-08	1.3E-07	2.5E-08	2.2E-07
		031		RESP DRYING OVEN #2	Y	1.8E-08	1.3E-07	2.5E-08	2.2E-07
		033		RAD DECON HOODS	Y	.0E+00	.0E+00	.0E+00	.0E+00
		034		RAD DECON HOODS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	625	010		CHEMICAL SOURCES	Y	8.3E-11	4.5E-09	3.8E-10	4.5E-09
	633	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		003		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		008		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		009		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		011		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		015		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		020		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		021		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		028		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		040		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		067		RAD SOURCE	Y	2.5E-13	3.0E-12	8.0E-10	1.0E-10
	690	042		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
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			sum			2.2E-07	1.5E-06	9.4E-04	1.1E-02
	604	001	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	6.2E-02	9.4E-04	3.1E-01	1.4E+00
	607	004		FUEL BURNING EQUIPMENT	N	9.1E-06	3.1E-02	3.5E-01	1.5E+00
	608	001		FUEL BURNING EQUIPMENT	N	8.2E-02	4.0E-01	7.7E-01	3.4E+00
	609	001		FUEL BURNING EQUIPMENT	N	1.8E-01	1.4E-03	4.7E-01	2.0E+00
		005		FUEL BURNING EQUIPMENT	N	8.2E-02	4.0E-01	1.1E+00	4.7E+00
	613	003		FUEL BURNING EQUIPMENT	N	1.9E-02	5.5E-02	1.7E-01	7.6E-01
	617	024		FUEL BURNING EQUIPMENT	Y	1.6E-02	6.0E-03	3.4E-02	1.4E-02
	633	091		FUEL BURNING EQUIPMENT	N	1.3E-01	3.3E-03	1.8E-01	7.8E-01
	650	007		FUEL BURNING EQUIPMENT	N	1.5E-01	4.3E-01	2.5E+00	1.1E+01
	662	011		FUEL BURNING EQUIPMENT	N	2.4E-01	5.6E-01	1.7E+00	7.6E+00
		027		FUEL BURNING EQUIPMENT	N	3.0E-01	1.7E+00	2.6E+00	1.1E+01
	664	034		FUEL BURNING EQUIPMENT	Y	2.5E-03	3.0E-04	2.5E-03	1.1E-02
		035		FUEL BURNING EQUIPMENT	Y	2.5E-03	3.0E-04	2.5E-03	1.1E-02
	665	028		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	2.6E+00	1.1E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CFA	665	029	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	1.0E+00	3.6E+00	6.0E+00	2.6E+01
		030		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	2.6E+00	1.1E+01
	668	006		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.0E-01	3.1E+00
		023		FUEL BURNING EQUIPMENT	N	5.4E-02	2.4E-01	3.5E-01	1.5E+00
	671	007		FUEL BURNING EQUIPMENT	N	7.1E-02	1.3E+00	4.0E+00	1.8E+01
		008		FUEL BURNING EQUIPMENT	N	7.9E-02	1.3E+00	4.0E+00	1.8E+01
	675	002		FUEL BURNING EQUIPMENT	N	2.3E-01	9.4E-04	3.1E-01	1.3E+00
	679	007		FUEL BURNING EQUIPMENT	Y	7.6E-03	9.3E-05	7.6E-03	3.3E-02
	682	002		FUEL BURNING EQUIPMENT	N	3.4E-01	7.9E-03	6.4E-01	2.8E+00
	688	043		FUEL BURNING EQUIPMENT	N	3.7E-01	1.8E+00	5.8E+00	2.6E+01
		044		FUEL BURNING EQUIPMENT	N	4.4E+00	9.2E-01	2.5E+00	1.1E+01
		047		FUEL BURNING EQUIPMENT	N	2.3E-01	1.4E-03	4.7E-01	2.0E+00
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			sum			8.1E+00	1.3E+01	4.0E+01	1.8E+02
	100	001	VOC-NONMETHANE	AREA SOURCE	Y	3.6E-01	1.1E+00	3.6E-01	1.6E+00
	101	001		FUGITIVE DUST SOURCE	Y	4.7E-01	2.1E+00	4.7E-01	2.1E+00
	102	001		LANDFILL	Y	7.5E-01	3.3E+00	7.5E-01	3.3E+00
	103	001		LANDFILL	Y	3.1E-01	1.4E+00	3.1E-01	1.4E+00
	604	001		FUEL BURNING EQUIPMENT	N	8.9E-02	1.3E-03	4.5E-01	2.0E+00
	607	004		FUEL BURNING EQUIPMENT	N	9.1E-08	3.1E-04	3.4E-03	1.5E-02
	608	001		FUEL BURNING EQUIPMENT	N	3.9E-04	1.9E-03	3.6E-03	1.6E-02
	609	001		FUEL BURNING EQUIPMENT	N	2.5E-01	2.0E-03	6.7E-01	2.9E+00
		002		STORAGE TANK - VOC	N	1.6E-04	7.0E-04	1.6E-04	7.0E-04
		005		FUEL BURNING EQUIPMENT	N	3.9E-04	1.9E-03	5.1E-03	2.2E-02
		017		CHEMICAL SOURCES	Y	8.0E-03	3.8E-02	8.0E-03	3.8E-02
		018		CHEMICAL SOURCES	Y	8.0E-03	3.8E-02	8.0E-03	3.8E-02
	612	007		AA BURNS ACETYLENE	Y	.0E+00	.0E+00	.0E+00	.0E+00
		008		CHEMICAL SOURCES	Y	7.7E-04	2.0E-04	7.7E-04	3.4E-03
		010		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	613	003		FUEL BURNING EQUIPMENT	N	1.9E-04	5.5E-04	1.7E-03	7.5E-03
	617	024		FUEL BURNING EQUIPMENT	Y	7.5E-03	3.0E-03	1.7E-02	7.0E-02
	623	005		CHEMICAL SOURCES	Y	8.0E-02	3.5E-01	2.9E-01	1.3E+00
		017		CHEMICAL SOURCES	Y	5.4E-01	2.4E+00	1.7E+00	7.4E+01
	625	009		CHEMICAL SOURCES	Y	1.1E-01	1.1E-01	3.1E-01	3.2E-01
		010		CHEMICAL SOURCES	Y	5.8E-02	6.0E-02	1.8E-01	1.8E-01
	633	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		003		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		008		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		009		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		011		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		015		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		020		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		021		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		028		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		040		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		091		FUEL BURNING EQUIPMENT	N	1.8E-01	4.7E-03	2.5E-01	1.1E+00
	650	007		FUEL BURNING EQUIPMENT	N	7.3E-04	2.0E-03	1.2E-02	5.2E-02
	662	011		FUEL BURNING EQUIPMENT	N	1.1E-03	2.7E-03	8.2E-03	3.6E-02
		027		FUEL BURNING EQUIPMENT	N	1.4E-03	8.0E-03	1.2E-02	5.3E-02
	664	034		FUEL BURNING EQUIPMENT	Y	1.3E-03	1.5E-04	1.3E-03	5.5E-03
		035		FUEL BURNING EQUIPMENT	Y	1.3E-03	1.5E-04	1.3E-03	5.5E-03
	665	028		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.2E-02	5.4E-02
		029		FUEL BURNING EQUIPMENT	N	2.8E-03	1.0E-02	1.7E-02	7.3E-02
		030		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.2E-02	5.4E-02
		050		CHEMICAL SOURCES	Y	6.4E-01	5.0E-01	6.4E-01	9.3E-01
	668	001		STORAGE TANK - VOC	N	3.2E-24	1.4E-23	3.2E-24	1.4E-23
		006		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.0E+00	4.4E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CFA	668	010	VOC-NONMETHANE	STORAGE TANK - VOC	N	1.6E-24	7.1E-24	1.6E-24	7.1E-24
		023		FUEL BURNING EQUIPMENT	N	2.5E-04	1.1E-03	1.7E-03	7.3E-03
	671	007		FUEL BURNING EQUIPMENT	N	3.4E-04	6.1E-03	1.9E-02	8.3E-02
		008		FUEL BURNING EQUIPMENT	N	3.7E-04	6.1E-03	1.9E-02	8.3E-02
	675	002		FUEL BURNING EQUIPMENT	N	3.3E-01	1.3E-03	4.4E-01	1.9E+00
	679	007		FUEL BURNING EQUIPMENT	Y	3.8E-03	4.6E-05	3.8E-03	1.7E-02
	682	002		FUEL BURNING EQUIPMENT	N	4.9E-01	1.1E-02	9.1E-01	4.0E+00
	684	002		STORAGE TANK - VOC	Y	9.1E+01	2.8E-02	9.1E+01	6.0E-02
	688	003		STORAGE TANK - VOC	N	8.3E-03	3.6E-02	8.3E-03	3.6E-02
		043		FUEL BURNING EQUIPMENT	N	1.0E-03	5.1E-03	1.6E-02	7.1E-02
		044		FUEL BURNING EQUIPMENT	N	2.1E-02	4.4E-03	1.2E-02	5.2E-02
		047		FUEL BURNING EQUIPMENT	N	3.3E-01	2.0E-03	6.7E-01	2.9E+00
		048		STORAGE TANK - VOC	N	2.5E-25	1.1E-24	2.5E-25	1.1E-24
	690	001		CHEMICAL SOURCES	Y	2.0E-03	2.0E-03	2.0E-01	2.0E-01
		004		CHEMICAL SOURCES	Y	1.0E-04	1.0E-04	1.0E-02	1.0E-02
		015		CHEMICAL SOURCES	Y	.0E+00	.0E+00	9.6E-04	1.0E-03
	698	007		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	708	001		STORAGE TANK - VOC	N	2.1E-01	4.1E-01	2.1E-01	4.1E-01
	713	001		STORAGE TANK - VOC	N	3.2E+01	2.7E-01	3.2E+01	2.7E-01
		002		STORAGE TANK - VOC	N	3.2E+01	2.2E-01	3.2E+01	2.2E-01
	721	001		STORAGE TANK - VOC	N	8.1E-02	1.0E-01	8.1E-02	1.0E-01
	729	001		STORAGE TANK - VOC	N	5.9E-02	5.1E-03	5.9E-02	5.1E-03
	730	001		STORAGE TANK - VOC	N	5.9E-02	2.4E-03	5.9E-02	2.4E-03
	731	001		STORAGE TANK - VOC	N	9.3E+00	2.3E-01	9.3E+00	2.3E-01
	732	001		STORAGE TANK - VOC	N	1.6E-01	4.4E-01	1.6E-01	4.4E-01
	734	001		STORAGE TANK - VOC	N	6.2E-02	1.7E-02	6.2E-02	1.7E-02
	735	001		STORAGE TANK - VOC	N	5.9E-02	3.4E-03	5.9E-02	3.4E-03
	738	001		STORAGE TANK - VOC	N	6.4E-02	2.6E-02	6.4E-02	2.6E-02
	739	001		STORAGE TANK - VOC	N	6.4E-02	2.6E-02	6.4E-02	2.6E-02
	741	001		STORAGE TANK - VOC	N	6.7E-02	4.1E-02	6.7E-02	4.1E-02
		002		STORAGE TANK - VOC	N	6.7E-02	4.1E-02	6.7E-02	4.1E-02
	748	001		STORAGE TANK - VOC	N	4.3E-03	1.9E-02	4.3E-03	1.9E-02
	749	001		STORAGE TANK - VOC	Y	3.4E-01	3.2E-04	3.4E-01	6.5E-04
	754	001		STORAGE TANK - VOC	N	1.0E-01	2.3E-01	1.0E-01	2.3E-01
		002		STORAGE TANK - VOC	N	9.7E-02	2.0E-01	9.7E-02	2.0E-01
		003		STORAGE TANK - VOC	N	2.9E+01	9.5E-01	2.9E+01	9.5E-01
		004		STORAGE TANK - VOC	N	8.1E-02	1.2E-01	8.1E-02	1.2E-01
		005		STORAGE TANK - VOC	N	8.1E-02	1.2E-01	8.1E-02	1.2E-01
		006		STORAGE TANK - VOC	N	1.3E-01	3.5E-01	1.3E-01	3.5E-01
		007		STORAGE TANK - VOC	N	2.9E+01	9.1E-01	2.9E+01	9.1E-01
	757	001		STORAGE TANK - VOC	N	8.4E-02	1.1E-01	8.4E-02	1.1E-01
	759	001		STORAGE TANK - VOC	N	9.6E-02	1.7E-01	9.6E-02	1.7E-01
	****	****	**********			2.3E+02	1.6E+01	2.3E+02	1.1E+02
			sum						

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	1642	007	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	2.0E+00	3.0E-02	2.3E+00	1.0E+01
	1643	007		FUEL BURNING EQUIPMENT	N	2.0E+00	3.0E-02	2.3E+00	1.0E+01
	1749	004		FUEL BURNING EQUIPMENT	N	3.1E-01	1.8E-03	4.6E-01	2.0E+00
	603	008		FUEL BURNING EQUIPMENT	Y	1.1E-02	1.9E-04	2.3E-02	9.9E-02
	606	004		FUEL BURNING EQUIPMENT	N	8.6E-01	1.1E+00	1.8E+00	7.9E+00
		005		FUEL BURNING EQUIPMENT	N	5.6E-01	5.5E-01	1.8E+00	7.9E+00
		019		FUEL BURNING EQUIPMENT	N	4.1E-01	1.7E-01	9.0E-01	3.9E+00
	614	002		FUEL BURNING EQUIPMENT	N	1.4E+00	2.2E-02	1.6E+00	7.2E+00
	616	004		FUEL BURNING EQUIPMENT	N	1.5E+00	2.4E-02	2.2E+00	9.7E+00
	620	004		PILOT PLANT	Y	.0E+00	.0E+00	4.7E+00	2.2E+00
		006		PILOT PLANT	Y	.0E+00	.0E+00	1.8E+01	6.4E+00
	637	032		PILOT PLANT	Y	9.6E-04	4.9E-05	2.0E+00	1.0E+00
	644	002		FUEL BURNING EQUIPMENT	N	6.5E+00	3.4E-01	1.3E+01	5.7E+01
		005		FUEL BURNING EQUIPMENT	N	1.5E-01	8.0E-04	3.1E-01	1.3E+00
	654	007		FUEL BURNING EQUIPMENT	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
		008		FUEL BURNING EQUIPMENT	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
		009		FUEL BURNING EQUIPMENT	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
		010		FUEL BURNING EQUIPMENT	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
		011		FUEL BURNING EQUIPMENT	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
		012		FUEL BURNING EQUIPMENT	Y	1.2E-03	2.6E-03	1.2E-03	5.3E-03
	655	018		FUEL BURNING EQUIPMENT	Y	1.3E-03	2.6E-03	1.3E-03	5.5E-03
		019		FUEL BURNING EQUIPMENT	Y	4.9E-03	2.6E-03	4.9E-03	2.1E-02
		026		FUEL BURNING EQUIPMENT	Y	2.9E-03	2.6E-03	2.9E-03	1.3E-02
		028		FUEL BURNING EQUIPMENT	Y	4.0E-03	2.6E-03	4.0E-03	1.7E-02
		030		FUEL BURNING EQUIPMENT	Y	4.0E-03	2.6E-03	4.0E-03	1.7E-02
		031		FUEL BURNING EQUIPMENT	Y	4.9E-03	2.6E-03	4.9E-03	2.1E-02
	659	006		FUEL BURNING EQUIPMENT	N	4.4E+00	5.3E-02	1.1E+02	5.0E+02
		007		FUEL BURNING EQUIPMENT	N	1.6E+01	7.9E-03	1.6E+02	6.9E+02
		008		FUEL BURNING EQUIPMENT	N	5.6E+00	6.8E-02	1.5E+02	6.4E+02
	679	002		FUEL BURNING EQUIPMENT	Y	2.2E-03	1.3E-03	2.2E-03	9.5E-03
		003		FUEL BURNING EQUIPMENT	Y	2.2E-03	1.3E-03	2.2E-03	9.5E-03
	687	026		FUEL BURNING EQUIPMENT	N	6.5E+00	3.4E-01	1.3E+01	5.7E+01
		049		FUEL BURNING EQUIPMENT	N	1.5E-01	9.9E-04	3.1E-01	1.3E+00
	698	009		FUEL BURNING EQUIPMENT	Y	1.4E-03	3.7E-04	1.4E-03	6.3E-03
		010		FUEL BURNING EQUIPMENT	Y	1.4E-03	3.7E-04	1.4E-03	6.3E-03
		016		FUEL BURNING EQUIPMENT	Y	1.4E-03	3.7E-04	1.4E-03	6.3E-03
		017		FUEL BURNING EQUIPMENT	Y	1.4E-03	3.7E-04	1.4E-03	6.3E-03
		018		FUEL BURNING EQUIPMENT	Y	1.4E-03	3.7E-04	1.4E-03	6.3E-03
	708	001		MAIN STACK	Y	1.2E+02	3.2E+02	1.5E+02	4.3E+02
	787	001		FUEL BURNING EQUIPMENT	Y	3.3E+01	1.1E+02	1.7E+01	7.3E+01
	T-1	001		FUEL BURNING EQUIPMENT	Y	1.6E-03	6.2E-04	1.6E-03	7.1E-03
		007		FUEL BURNING EQUIPMENT	Y	1.6E-03	6.2E-04	1.6E-03	7.1E-03
	T-5	001		FUEL BURNING EQUIPMENT	Y	9.0E-04	6.2E-04	9.0E-04	3.9E-03
		003		FUEL BURNING EQUIPMENT	Y	9.0E-04	6.2E-04	9.0E-04	3.9E-03
	T-6	001		FUEL BURNING EQUIPMENT	Y	1.7E-03	1.7E-03	1.7E-03	7.4E-03
		004		FUEL BURNING EQUIPMENT	Y	1.7E-03	1.7E-03	1.7E-03	7.4E-03
	TR19	002		FUEL BURNING EQUIPMENT	Y	9.0E-05	5.6E-04	9.0E-05	5.6E-04
	TR29	001		FUEL BURNING EQUIPMENT	Y	9.0E-04	6.8E-04	9.0E-04	3.9E-03
		008		FUEL BURNING EQUIPMENT	Y	9.0E-04	6.8E-04	9.0E-04	3.9E-03
	****	****	**********			---	---	---	---
			sum			2.0E+02	4.3E+02	6.5E+02	2.5E+03
	1642	007	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	9.4E+00	1.4E-01	1.0E+01	4.6E+01
	1643	007		FUEL BURNING EQUIPMENT	N	9.4E+00	1.4E-01	1.0E+01	4.6E+01
	1749	004		FUEL BURNING EQUIPMENT	N	1.4E+00	8.4E-03	2.1E+00	9.2E+00
	603	008		FUEL BURNING EQUIPMENT	Y	5.5E-02	9.0E-04	1.1E-01	4.9E-01
	606	004		FUEL BURNING EQUIPMENT	N	3.4E+00	4.3E+00	7.2E+00	3.2E+01
		005		FUEL BURNING EQUIPMENT	N	2.3E+00	2.2E+00	7.2E+00	3.2E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	606	019	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	1.6E+00	7.0E-01	3.6E+00	1.6E+01
	614	002		FUEL BURNING EQUIPMENT	N	6.6E+00	1.0E-01	7.6E+00	3.3E+01
	616	004		FUEL BURNING EQUIPMENT	N	7.0E+00	1.1E-01	1.0E+01	4.4E+01
	620	004		PILOT PLANT	Y	.0E+00	.0E+00	9.4E+00	4.5E+00
		006		PILOT PLANT	Y	.0E+00	.0E+00	3.5E+01	1.3E+01
		009		BUILDING EXHAUST	Y	.0E+00	.0E+00	5.2E+01	3.0E+00
	637	032		PILOT PLANT	Y	1.3E-02	6.5E-04	2.3E+00	1.1E+00
		034		PILOT PLANT	Y	.0E+00	.0E+00	1.0E+00	3.6E-01
		036		PILOT PLANT	Y	.0E+00	.0E+00	7.2E+00	3.2E+01
		044		PILOT PLANT	Y	.0E+00	.0E+00	4.6E-01	2.2E-01
	640	023		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	644	002		FUEL BURNING EQUIPMENT	N	2.5E+01	1.3E+00	5.0E+01	2.2E+02
		005		FUEL BURNING EQUIPMENT	N	7.0E-01	3.7E-03	1.4E+00	6.2E+00
	654	007		FUEL BURNING EQUIPMENT	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
		008		FUEL BURNING EQUIPMENT	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
		009		FUEL BURNING EQUIPMENT	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
		010		FUEL BURNING EQUIPMENT	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
		011		FUEL BURNING EQUIPMENT	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
		012		FUEL BURNING EQUIPMENT	Y	5.9E-03	1.3E-02	5.9E-03	2.6E-02
	655	018		FUEL BURNING EQUIPMENT	Y	6.2E-03	1.3E-02	6.2E-03	2.7E-02
		019		FUEL BURNING EQUIPMENT	Y	2.4E-02	1.3E-02	2.4E-02	1.0E-01
		026		FUEL BURNING EQUIPMENT	Y	1.4E-02	1.3E-02	1.4E-02	6.2E-02
		028		FUEL BURNING EQUIPMENT	Y	1.9E-02	1.3E-02	1.9E-02	8.5E-02
		030		FUEL BURNING EQUIPMENT	Y	1.9E-02	1.3E-02	1.9E-02	8.5E-02
		031		FUEL BURNING EQUIPMENT	Y	2.4E-02	1.3E-02	2.4E-02	1.0E-01
	659	006		FUEL BURNING EQUIPMENT	N	2.0E+01	2.4E-01	5.2E+02	2.3E+03
		007		FUEL BURNING EQUIPMENT	N	4.1E-01	2.0E-04	4.1E+00	1.8E+01
		008		FUEL BURNING EQUIPMENT	N	2.2E+01	2.6E-01	5.6E+02	2.5E+03
	666	039		EMERGENCY STACK BYPASS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	679	002		FUEL BURNING EQUIPMENT	Y	1.1E-02	6.1E-03	1.1E-02	1.1E-02
		003		FUEL BURNING EQUIPMENT	Y	1.1E-02	6.1E-03	1.1E-02	4.6E-02
	687	026		FUEL BURNING EQUIPMENT	N	2.5E+01	1.3E+00	5.0E+01	2.2E+02
		049		FUEL BURNING EQUIPMENT	N	7.0E-01	4.6E-03	1.4E+00	6.2E+00
	698	009		FUEL BURNING EQUIPMENT	Y	7.0E-03	1.8E-03	7.0E-03	3.1E-02
		010		FUEL BURNING EQUIPMENT	Y	7.0E-03	1.8E-03	7.0E-03	3.1E-02
		016		FUEL BURNING EQUIPMENT	Y	7.0E-03	1.8E-03	7.0E-03	3.1E-02
		017		FUEL BURNING EQUIPMENT	Y	7.0E-03	1.8E-03	7.0E-03	3.1E-02
		018		FUEL BURNING EQUIPMENT	Y	7.0E-03	1.8E-03	7.0E-03	3.1E-02
	708	001		MAIN STACK	Y	1.7E+02	4.6E+02	3.9E+02	1.7E+03
	787	001		FUEL BURNING EQUIPMENT	Y	2.0E+01	6.3E+01	1.0E+02	4.5E+02
	T-1	001		FUEL BURNING EQUIPMENT	Y	7.9E-03	3.0E-03	7.9E-03	3.5E-02
		007		FUEL BURNING EQUIPMENT	Y	7.9E-03	3.0E-03	7.9E-03	3.5E-02
	T-5	001		FUEL BURNING EQUIPMENT	Y	4.4E-03	3.0E-03	4.4E-03	1.9E-02
		003		FUEL BURNING EQUIPMENT	Y	4.4E-03	3.0E-03	4.4E-03	1.9E-02
	T-6	001		FUEL BURNING EQUIPMENT	Y	8.3E-03	8.5E-03	8.3E-03	3.6E-02
		004		FUEL BURNING EQUIPMENT	Y	8.3E-03	8.5E-03	8.3E-03	3.6E-02
	TR19	002		FUEL BURNING EQUIPMENT	Y	4.4E-04	2.7E-03	4.4E-04	2.7E-03
	TR29	001		FUEL BURNING EQUIPMENT	Y	4.4E-03	3.3E-03	4.4E-03	1.9E-02
		008		FUEL BURNING EQUIPMENT	Y	4.4E-05	3.3E-03	4.4E-05	3.3E-03
	****	****	**********						
			SUM			3.2E+02	5.3E+02	1.8E+03	7.7E+03
	025	001	PARTICULATE	FUGITIVE SOURCE	Y	1.9E-01	5.7E-02	1.1E-01	4.8E-01
	1642	007		FUEL BURNING EQUIPMENT	N	6.7E-01	9.7E-03	7.5E-01	3.3E+00
	1643	007		FUEL BURNING EQUIPMENT	N	6.7E-01	9.7E-03	7.5E-01	3.3E+00
	1749	004		FUEL BURNING EQUIPMENT	N	1.0E-01	6.0E-04	1.5E-01	6.6E-01
	603	008		FUEL BURNING EQUIPMENT	Y	2.8E-03	4.5E-05	5.6E-03	2.4E-02
	606	004		FUEL BURNING EQUIPMENT	N	3.4E-01	4.3E-01	7.2E-01	3.2E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	606	005	PARTICULATE	FUEL BURNING EQUIPMENT	N	2.3E-01	2.2E-01	7.2E-01	3.2E+00
		013		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		019		FUEL BURNING EQUIPMENT	N	1.6E-01	7.0E-02	3.6E-01	1.6E+00
		038		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	614	002		FUEL BURNING EQUIPMENT	N	4.7E-01	7.3E-03	5.4E-01	2.4E+00
	616	004		FUEL BURNING EQUIPMENT	N	5.0E-01	7.8E-03	7.2E-01	3.2E+00
	620	004		PILOT PLANT	Y	.0E+00	.0E+00	2.0E-06	9.7E-07
		005		PILOT PLANT	Y	4.5E-04	4.5E-05	4.5E-04	4.5E-05
		006		PILOT PLANT	Y	.0E+00	.0E+00	1.7E-04	1.8E-04
		009		BUILDING EXHAUST	Y	.0E+00	.0E+00	3.4E-03	4.6E-03
	637	032		PILOT PLANT	Y	1.9E-04	9.8E-06	5.0E-05	2.0E-05
		035		BUILDING EXHAUST	Y	.0E+00	.0E+00	1.3E-04	5.0E-05
		036		PILOT PLANT	Y	.0E+00	.0E+00	1.1E+00	7.8E-02
		037		PILOT PLANT	Y	.0E+00	.0E+00	1.1E+00	7.8E-02
		042		PILOT PLANT	Y	.0E+00	.0E+00	5.0E-06	2.0E-06
		044		PILOT PLANT	Y	.0E+00	.0E+00	7.5E-03	3.6E-03
	644	002		FUEL BURNING EQUIPMENT	N	2.5E+00	1.3E-01	5.0E+00	2.2E+01
		005		FUEL BURNING EQUIPMENT	N	5.0E-02	2.6E-04	1.0E-01	4.4E-01
	654	007		FUEL BURNING EQUIPMENT	Y	3.0E-04	6.3E-04	3.0E-04	1.3E-03
		008		FUEL BURNING EQUIPMENT	Y	3.0E-04	6.3E-04	3.0E-04	1.3E-03
		009		FUEL BURNING EQUIPMENT	Y	3.0E-04	6.3E-04	3.0E-04	1.3E-03
		010		FUEL BURNING EQUIPMENT	Y	3.0E-05	6.3E-04	3.0E-05	1.3E-03
		011		FUEL BURNING EQUIPMENT	Y	3.0E-05	6.3E-04	3.0E-05	1.3E-03
		012		FUEL BURNING EQUIPMENT	Y	3.0E-04	6.3E-04	3.0E-04	1.3E-03
	655	018		FUEL BURNING EQUIPMENT	Y	3.1E-04	6.2E-04	3.1E-04	1.4E-03
		019		FUEL BURNING EQUIPMENT	Y	1.2E-03	6.2E-04	1.2E-03	5.2E-03
		026		FUEL BURNING EQUIPMENT	Y	7.0E-04	6.2E-04	7.0E-04	3.1E-03
		028		FUEL BURNING EQUIPMENT	Y	9.7E-04	6.2E-04	9.7E-04	4.2E-03
		030		FUEL BURNING EQUIPMENT	Y	9.7E-04	6.2E-04	9.7E-04	4.2E-03
		031		FUEL BURNING EQUIPMENT	Y	1.2E-03	6.2E-04	1.2E-03	5.2E-03
	659	006		FUEL BURNING EQUIPMENT	N	1.4E+00	1.7E-02	3.7E+01	1.6E+02
		007		FUEL BURNING EQUIPMENT	N	2.6E-02	1.3E-05	2.6E-01	1.1E+00
		008		FUEL BURNING EQUIPMENT	N	2.2E+00	2.6E-02	5.6E+01	2.5E+02
	662	003		CHEMICAL SOURCES	Y	1.0E-04	2.2E-04	9.0E-03	1.9E-02
		004		CHEMICAL SOURCES	Y	1.0E-04	2.2E-04	9.0E-03	1.9E-02
	663	002		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.1E+00	9.0E+00
		045		CHEMICAL SOURCES	Y	1.6E-04	3.3E-04	1.3E-03	2.7E-03
		048		CHEMICAL SOURCES	Y	6.0E-03	1.3E-02	1.9E-01	4.0E-01
		055		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.1E+00	9.0E+00
		063		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.1E+00	9.0E+00
		065		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.1E+00	3.5E+01
	679	002		FUEL BURNING EQUIPMENT	Y	5.3E-04	3.1E-04	5.3E-04	2.3E-03
		003		FUEL BURNING EQUIPMENT	Y	5.3E-04	3.1E-04	5.3E-04	2.3E-03
	687	010		COAL BIN FILTERED VENT	Y	1.8E-02	5.8E-04	3.9E-05	1.7E-04
		011		COAL BIN FILTERED VENT	Y	1.8E-02	5.8E-04	3.9E-05	1.7E-04
		026		FUEL BURNING EQUIPMENT	N	2.5E+00	1.3E-01	5.0E+00	2.2E+01
		033		FILTERED LIMESTONE BIN	Y	3.2E-02	5.9E-03	3.2E-04	1.4E-03
		034		FILTERED LIMESTONE BIN	Y	3.2E-02	5.9E-03	3.2E-04	1.4E-03
		049		FUEL BURNING EQUIPMENT	N	5.0E-02	3.3E-04	1.0E-01	4.4E-01
	698	004		CHEMICAL SOURCES	Y	2.8E-04	2.9E-04	3.5E-03	7.3E-03
		006		CHEMICAL SOURCES	Y	2.8E-04	2.9E-04	3.5E-03	7.3E-03
		009		FUEL BURNING EQUIPMENT	Y	3.5E-04	9.0E-05	3.5E-04	1.5E-03
		010		FUEL BURNING EQUIPMENT	Y	3.5E-04	9.0E-05	3.5E-04	1.5E-03
		016		FUEL BURNING EQUIPMENT	Y	3.5E-04	9.0E-05	3.5E-04	1.5E-03
		017		FUEL BURNING EQUIPMENT	Y	3.5E-04	9.0E-05	3.5E-04	1.5E-03
		018		FUEL BURNING EQUIPMENT	Y	3.5E-04	9.0E-05	3.5E-04	1.5E-03
	708	001		MAIN STACK	Y	2.7E-07	7.3E-07	3.4E-07	1.8E-05

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	787	001	PARTICULATE	FUEL BURNING EQUIPMENT	Y	4.4E-01	1.4E+00	1.1E+01	4.8E+01
	792	001		ASH SILO FILTERED EXHAUST	Y	1.5E-02	5.8E-03	2.0E-02	1.0E-02
	793	002		LIMESTONE SILO FILTER EX	Y	1.3E-01	1.2E-02	2.0E-01	4.0E-01
	794	001		DUST COLLECTOR FLTERED EX	Y	1.0E+00	6.5E-02	1.1E+00	1.0E-01
	T-1	001		FUEL BURNING EQUIPMENT	Y	4.0E-04	1.5E-04	4.0E-04	1.7E-03
		007		FUEL BURNING EQUIPMENT	Y	4.0E-04	1.5E-04	4.0E-04	1.7E-03
	T-5	001		FUEL BURNING EQUIPMENT	Y	2.2E-04	1.5E-04	2.2E-04	9.6E-04
		003		FUEL BURNING EQUIPMENT	Y	2.2E-04	1.5E-04	2.2E-04	9.6E-04
	T-6	001		FUEL BURNING EQUIPMENT	Y	4.1E-04	4.3E-04	4.1E-04	1.8E-03
		004		FUEL BURNING EQUIPMENT	Y	4.1E-04	4.3E-04	4.1E-04	1.8E-03
	TR19	002		FUEL BURNING EQUIPMENT	Y	2.2E-05	1.4E-04	2.2E-05	1.4E-04
	TR29	001		FUEL BURNING EQUIPMENT	Y	2.2E-04	1.7E-04	2.2E-04	9.6E-04
		008		FUEL BURNING EQUIPMENT	Y	2.2E-04	1.7E-04	2.2E-04	9.6E-04
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			sum			1.4E+01	2.6E+00	1.3E+02	5.9E+02
	606	004	PB	FUEL BURNING EQUIPMENT	N	2.2E-04	2.7E-04	4.5E-04	2.0E-03
		005		FUEL BURNING EQUIPMENT	N	1.4E-04	1.4E-04	4.5E-04	2.0E-03
		019		FUEL BURNING EQUIPMENT	N	1.0E-04	4.4E-05	2.3E-04	9.9E-04
	787	001		FUEL BURNING EQUIPMENT	Y	9.4E-04	7.1E-04	6.7E+01	2.9E+02
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			sum			1.4E-03	1.2E-03	6.7E+01	2.9E+02
	1608	001	RADIONUCLIDE	CHEMICAL SOURCES	Y	3.6E-21	4.4E-20	1.7E-20	2.0E-19
	1611	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.1E-04	1.3E-03
	1612	001		CHEMICAL SOURCES	Y	1.4E-06	1.7E-05	1.1E-04	1.3E-03
	1617	001		RADIOLOGICAL	Y	.0E+00	.0E+00	3.4E-07	4.0E-06
	1619	001		RADIONUCLIDES	Y	6.2E-14	7.5E-13	1.0E-06	1.2E-05
	1646	001		CHEMICAL SOURCES	Y	2.3E-11	2.7E-10	.0E+00	.0E+00
	601	024		CHEMICAL SOURCES	N	3.7E-09	4.4E-08	3.7E-09	4.4E-08
	602	012		RADIOLOGICAL	Y	4.6E-09	5.5E-08	8.9E-09	1.0E-07
		014		RADIOLOGICAL	Y	2.1E-11	2.5E-10	2.0E-06	2.4E-05
		031		CHEMICAL SOURCES	Y	4.0E-09	4.8E-08	.0E+00	.0E+00
	603	001		GRAPHITE FUEL STORAGE	Y	1.7E-05	2.0E-04	8.0E-07	9.6E-06
	615	005		AREA SOURCE	Y	2.5E-13	3.0E-12	1.6E-09	1.9E-08
	620	005		PILOT PLANT	Y	.0E+00	.0E+00	7.1E-09	8.5E-08
	627	007		CHEMICAL SOURCES	Y	8.2E-10	9.8E-09	1.6E-08	1.9E-07
		008		CHEMICAL SOURCES	Y	3.2E-08	3.8E-07	3.3E-10	4.0E-09
		010		CHEMICAL SOURCES	Y	4.3E-09	5.2E-08	.0E+00	.0E+00
		013		CHEMICAL SOURCES	Y	6.3E-07	7.6E-06	1.3E-06	1.5E-05
		016		RADIONUCLIDES	Y	4.1E-12	4.9E-11	8.0E-12	9.6E-11
	630	011		CHEMICAL SOURCES	Y	3.5E-16	4.2E-15	2.4E-12	2.8E-11
		012		CHEMICAL SOURCES	Y	5.1E-14	6.1E-13	2.4E-05	2.8E-04
	637	010		CHEMICAL SOURCES	Y	8.0E-13	9.6E-12	1.6E-11	2.0E-10
		034		PILOT PLANT	Y	.0E+00	.0E+00	1.3E-07	1.5E-06
		044		PILOT PLANT	Y	.0E+00	.0E+00	1.8E-08	2.2E-07
	648	002		RADIOACTIVE STORAGE	Y	2.3E-10	2.8E-09	5.0E-10	5.6E-09
	659	033		CHEMICAL SOURCES	Y	9.2E-09	1.1E-07	8.8E-08	1.0E-06
	663	002		CHEMICAL SOURCES	Y	3.9E-09	4.7E-08	.0E+00	.0E+00
	666	039		EMERGENCY STACK BYPASS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	684	001		CHEMICAL SOURCES	Y	5.5E-06	6.6E-05	8.8E-02	1.1E+00
	694	007		RADIOACTIVITY/VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		008		RADIOACTIVITY/VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		009		ROOM EXHAUST	Y	.0E+00	.0E+00	.0E+00	.0E+00
		010		RADIOACTIVITY/VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	708	001		MAIN STACK	Y	5.6E+00	6.7E+01	1.3E+04	1.5E+05
	749	005		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	760	002		RAD	Y	2.4E-07	2.8E-06	1.8E-07	2.2E-06
	764	002		RADIONUCLIDE	Y	3.7E-09	4.4E-08	1.7E-11	2.0E-10

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	765	003	RADIONUCLIDE	CALCINE STORAGE BIN	Y	7.7E-07	9.2E-06	7.7E-07	9.2E-06
	767	001		MAIN STACK	Y	5.0E-06	6.0E-05	1.0E+04	1.0E+04
	791	004		RAD	Y	7.7E-07	9.2E-06	7.7E-07	9.2E-06
		005		RAD	Y	.0E+00	.0E+00	4.7E-03	5.7E-02
		006		RAD	Y	.0E+00	.0E+00	4.7E-03	5.7E-02
	795	004		CALCINE STORAGE BIN	Y	.0E+00	.0E+00	.0E+00	.0E+00
		005		CALCINE STORAGE BINS	Y	.0E+00	.0E+00	.0E+00	.0E+00
		006		CALCINE STORAGE BIN	Y	.0E+00	.0E+00	.0E+00	.0E+00
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			sum			5.6E+00	6.7E+01	2.3E+04	1.6E+05
	1642	007	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	6.2E-01	9.0E-03	7.0E-01	3.0E+00
	1643	007		FUEL BURNING EQUIPMENT	N	6.2E-01	9.0E-03	7.0E-01	3.0E+00
	1749	004		FUEL BURNING EQUIPMENT	N	9.4E-02	5.6E-04	1.4E-01	6.1E-01
	603	008		FUEL BURNING EQUIPMENT	Y	5.7E-04	9.0E-06	1.1E-03	5.0E-03
	606	004		FUEL BURNING EQUIPMENT	N	1.2E+01	1.5E+01	2.6E+01	1.1E+02
		005		FUEL BURNING EQUIPMENT	N	8.1E+00	7.9E+00	2.6E+01	1.1E+02
		019		FUEL BURNING EQUIPMENT	N	5.9E+00	2.5E+00	1.3E+01	5.7E+01
	614	002		FUEL BURNING EQUIPMENT	N	4.4E-01	6.8E-03	5.0E-01	2.2E+00
	616	004		FUEL BURNING EQUIPMENT	N	4.7E-01	7.3E-03	6.7E-01	3.0E+00
	620	004		PILOT PLANT	Y	.0E+00	.0E+00	5.8E-03	2.8E-03
	644	002		FUEL BURNING EQUIPMENT	N	1.8E+00	9.4E-02	3.6E+00	1.6E+01
		005		FUEL BURNING EQUIPMENT	N	4.7E-02	2.4E-04	9.4E-02	4.1E-01
	654	007		FUEL BURNING EQUIPMENT	Y	6.0E-05	1.3E-04	6.0E-05	2.6E-04
		008		FUEL BURNING EQUIPMENT	Y	6.0E-05	1.3E-04	6.0E-05	2.6E-04
		009		FUEL BURNING EQUIPMENT	Y	6.0E-05	1.3E-04	6.0E-05	2.6E-04
		010		FUEL BURNING EQUIPMENT	Y	6.0E-05	1.3E-04	6.0E-05	2.6E-04
		011		FUEL BURNING EQUIPMENT	Y	6.0E-05	1.3E-04	6.0E-05	2.6E-04
		012		FUEL BURNING EQUIPMENT	Y	6.0E-05	1.3E-04	6.0E-05	2.6E-04
	655	018		FUEL BURNING EQUIPMENT	Y	6.3E-05	1.3E-04	6.3E-05	2.8E-04
		019		FUEL BURNING EQUIPMENT	Y	2.4E-04	1.3E-04	2.4E-04	1.1E-03
		026		FUEL BURNING EQUIPMENT	Y	1.4E-04	1.3E-04	1.4E-04	6.3E-04
		028		FUEL BURNING EQUIPMENT	Y	2.0E-04	1.3E-04	2.0E-04	8.7E-04
		030		FUEL BURNING EQUIPMENT	Y	2.0E-04	1.3E-04	2.0E-04	8.7E-04
		031		FUEL BURNING EQUIPMENT	Y	2.4E-04	1.3E-04	2.4E-04	1.1E-03
	659	006		FUEL BURNING EQUIPMENT	N	1.3E+00	1.6E-02	3.5E+01	1.5E+02
		007		FUEL BURNING EQUIPMENT	N	2.1E-02	1.1E-05	2.1E-01	9.3E-01
		008		FUEL BURNING EQUIPMENT	N	1.5E+00	1.9E-02	4.0E+01	1.8E+02
	679	002		FUEL BURNING EQUIPMENT	Y	1.1E-04	6.2E-05	1.1E-04	4.7E-04
		003		FUEL BURNING EQUIPMENT	Y	1.1E-04	6.2E-05	1.1E-04	4.7E-04
	687	026		FUEL BURNING EQUIPMENT	N	1.8E+00	9.4E-02	3.6E+00	1.6E+01
		049		FUEL BURNING EQUIPMENT	N	4.7E-02	3.0E-04	9.4E-02	4.1E-01
	698	009		FUEL BURNING EQUIPMENT	Y	7.2E-05	1.8E-05	7.2E-05	3.2E-04
		010		FUEL BURNING EQUIPMENT	Y	7.2E-05	1.8E-05	7.2E-05	3.2E-04
		016		FUEL BURNING EQUIPMENT	Y	7.2E-05	1.8E-05	7.2E-05	3.2E-04
		017		FUEL BURNING EQUIPMENT	Y	7.2E-05	1.8E-05	7.2E-05	3.2E-04
		018		FUEL BURNING EQUIPMENT	Y	7.2E-05	1.8E-05	7.2E-05	3.2E-04
	708	001		MAIN STACK	Y	2.2E-01	5.9E-01	2.1E+00	7.9E+00
	787	001		FUEL BURNING EQUIPMENT	Y	3.0E+00	9.5E+00	9.9E+01	4.3E+02
	T-1	001		FUEL BURNING EQUIPMENT	Y	8.1E-05	3.1E-05	8.1E-05	3.6E-04
		007		FUEL BURNING EQUIPMENT	Y	8.1E-05	3.1E-05	8.1E-05	3.6E-04
	T-5	001		FUEL BURNING EQUIPMENT	Y	4.5E-05	3.1E-05	4.5E-05	2.0E-04
		003		FUEL BURNING EQUIPMENT	Y	4.5E-05	3.1E-05	4.5E-05	2.0E-04
	T-6	001		FUEL BURNING EQUIPMENT	Y	8.5E-05	8.7E-05	8.5E-05	3.7E-04
		004		FUEL BURNING EQUIPMENT	Y	8.5E-05	8.7E-05	8.5E-05	3.7E-04
	TR19	002		FUEL BURNING EQUIPMENT	Y	5.0E-06	2.8E-05	5.0E-06	2.8E-05
	TR29	001		FUEL BURNING EQUIPMENT	Y	4.5E-05	3.4E-05	4.5E-05	2.0E-04
		008		FUEL BURNING EQUIPMENT	Y	4.5E-05	3.4E-05	4.5E-05	2.0E-04
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			sum			3.8E+01	3.6E+01	2.5E+02	1.1E+03

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	1611	001	VOC-NONMETHANE	CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	1612	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	1642	003		STORAGE TANK - VOC	N	.0E+00	.0E+00	.0E+00	.0E+00
		007		FUEL BURNING EQUIPMENT	N	8.9E-01	1.3E-02	9.9E-01	4.4E+00
	1643	003		STORAGE TANK - VOC	N	1.7E-01	5.0E-03	1.7E-01	5.0E-03
		007		FUEL BURNING EQUIPMENT	N	8.9E-01	1.3E-02	9.9E-01	4.4E+00
	1749	002		STORAGE TANK - VOC	N	3.4E-01	3.0E-03	3.4E-01	3.0E-03
		004		FUEL BURNING EQUIPMENT	N	1.3E-01	8.0E-04	2.0E-01	8.8E-01
	601	016		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		024		CHEMICAL SOURCES	Y	2.9E+00	1.4E-03	2.9E+00	1.4E-03
	602	012		RADIOLOGICAL	Y	7.3E-02	7.6E-02	2.4E-01	2.5E-01
		014		RADIOLOGICAL	Y	.0E+00	.0E+00	1.3E-02	1.4E-02
		031		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	603	008		FUEL BURNING EQUIPMENT	Y	3.0E-03	4.8E-05	5.9E-03	2.6E-02
	606	004		FUEL BURNING EQUIPMENT	N	3.4E-02	4.3E-02	7.2E-02	3.2E-01
		005		FUEL BURNING EQUIPMENT	N	2.3E-02	2.2E-02	7.2E-02	3.2E-01
		019		FUEL BURNING EQUIPMENT	N	1.6E-02	7.0E-03	3.6E-02	1.6E-01
	614	001		STORAGE TANK - VOC	N	3.4E-01	1.8E-03	3.4E-01	1.8E-03
		002		FUEL BURNING EQUIPMENT	N	6.2E-01	9.7E-03	7.2E-01	3.1E+00
	616	004		FUEL BURNING EQUIPMENT	N	6.7E-01	1.0E-02	9.6E-01	4.2E+00
		007		STORAGE TANK - VOC	N	3.4E-01	2.1E-03	3.4E-01	2.1E-03
	620	002		STORAGE TANK - VOC	N	2.4E-03	1.1E-02	2.4E-03	1.1E-02
		004		PILOT PLANT	Y	.0E+00	.0E+00	2.0E-03	9.7E-04
		005		PILOT PLANT	Y	2.9E-02	2.3E-04	2.9E-02	7.0E-02
		006		PILOT PLANT	Y	.0E+00	.0E+00	6.9E-03	2.5E-03
	627	007		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.3E-03	5.7E-03
		008		CHEMICAL SOURCES	Y	9.8E-04	4.3E-03	1.6E-02	1.7E-02
		013		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.3E-03	5.7E-03
	630	012		CHEMICAL SOURCES	Y	6.4E-04	6.7E-04	8.1E-03	3.6E-02
	637	010		CHEMICAL SOURCES	Y	1.8E-03	3.8E-03	1.0E-01	2.1E-01
		032		PILOT PLANT	Y	.0E+00	.0E+00	3.2E-03	4.6E-04
	644	002		FUEL BURNING EQUIPMENT	N	6.5E-01	3.4E-02	1.3E+00	5.7E+00
		004		STORAGE TANK - VOC	N	1.2E+02	9.8E-05	1.2E+02	9.8E-05
		005		FUEL BURNING EQUIPMENT	N	6.7E-02	3.5E-04	1.3E-01	5.9E-01
		006		STORAGE TANK - VOC	N	7.7E-03	2.8E-04	7.7E-03	2.8E-04
		013		STORAGE TANK - VOC	N	1.2E-01	3.1E-02	1.2E-01	3.1E-02
	654	007		FUEL BURNING EQUIPMENT	Y	3.2E-04	6.7E-04	3.2E-04	1.4E-03
		008		FUEL BURNING EQUIPMENT	Y	3.2E-04	6.7E-04	3.2E-04	1.4E-03
		009		FUEL BURNING EQUIPMENT	Y	3.2E-04	6.7E-04	3.2E-04	1.4E-03
		010		FUEL BURNING EQUIPMENT	Y	3.2E-04	6.7E-04	3.2E-04	1.4E-03
		011		FUEL BURNING EQUIPMENT	Y	3.2E-04	6.7E-04	3.2E-04	1.4E-03
		012		FUEL BURNING EQUIPMENT	Y	3.2E-04	6.7E-04	3.2E-04	1.4E-03
	655	018		FUEL BURNING EQUIPMENT	Y	3.3E-04	6.7E-04	3.3E-04	1.4E-03
		019		FUEL BURNING EQUIPMENT	Y	1.3E-03	6.7E-04	1.3E-03	5.6E-03
		026		FUEL BURNING EQUIPMENT	Y	7.5E-04	6.7E-04	7.5E-04	3.3E-03
		028		FUEL BURNING EQUIPMENT	Y	1.0E-03	6.7E-04	1.0E-03	4.5E-03
		030		FUEL BURNING EQUIPMENT	Y	1.0E-03	6.7E-04	1.0E-03	4.5E-03
		031		FUEL BURNING EQUIPMENT	Y	1.3E-03	6.7E-04	1.3E-03	5.6E-03
	659	006		FUEL BURNING EQUIPMENT	N	1.9E+00	2.3E-02	5.0E+01	2.2E+02
		007		FUEL BURNING EQUIPMENT	N	5.5E-01	2.7E-04	5.5E+00	2.4E+01
		008		FUEL BURNING EQUIPMENT	N	5.6E-01	6.8E-03	1.5E+01	6.4E+01
		010		STORAGE TANK - VOC	N	7.5E-02	7.6E-02	7.5E-02	7.6E-02
		011		STORAGE TANK - VOC	N	7.5E-02	7.6E-02	7.5E-02	7.6E-02
		035		STORAGE TANK - VOC	N	1.2E+02	5.8E-05	1.2E+02	5.8E-05
	663	002		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.0E+00	3.5E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
CPP	663	048	VOC-NONMETHANE	CHEMICAL SOURCES	Y	1.5E-01	3.1E-01	5.3E+00	1.1E+01
		054		CHEMICAL SOURCES	Y	1.7E-02	3.6E-02	8.0E-01	1.7E+00
		055		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.0E+00	3.5E+01
		063		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.0E+00	3.5E+01
		065		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.0E+00	3.5E+01
	666	039		EMERGENCY STACK BYPASS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	679	002		FUEL BURNING EQUIPMENT	Y	5.6E-04	3.3E-04	5.6E-04	2.5E-03
		003		FUEL BURNING EQUIPMENT	Y	5.6E-04	3.3E-04	5.6E-04	2.5E-03
	684	001		CHEMICAL SOURCES	Y	1.1E-02	1.7E-02	5.4E-02	2.4E-02
		002		CHEMICAL SOURCES	Y	1.1E-02	1.7E-02	5.4E-02	2.4E-01
	687	026		FUEL BURNING EQUIPMENT	N	6.5E-01	3.4E-02	1.3E+00	5.7E+00
		049		FUEL BURNING EQUIPMENT	N	6.7E-02	4.3E-04	1.3E-01	5.9E-01
	694	007		RADIOACTIVITY/VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		008		RADIOACTIVITY/VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		010		RADIOACTIVITY/VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	698	004		CHEMICAL SOURCES	Y	9.1E-03	9.1E-03	9.1E-03	1.9E-02
		009		FUEL BURNING EQUIPMENT	Y	3.8E-04	9.6E-05	3.8E-04	1.7E-03
		010		FUEL BURNING EQUIPMENT	Y	3.8E-04	9.6E-05	3.8E-04	1.7E-03
		016		FUEL BURNING EQUIPMENT	Y	3.8E-04	9.6E-05	3.8E-04	1.7E-03
		017		FUEL BURNING EQUIPMENT	Y	3.8E-04	9.6E-05	3.8E-04	1.7E-03
		018		FUEL BURNING EQUIPMENT	Y	3.8E-04	9.6E-05	3.8E-04	1.7E-03
	701A	001		STORAGE TANK - VOC	N	1.0E+00	3.9E+00	1.0E+00	3.9E+00
	701B	001		STORAGE TANK - VOC	N	2.6E-01	6.4E-01	2.6E-01	6.4E-01
	702A	001		STORAGE TANK - VOC	N	1.5E-01	1.6E-01	1.5E-01	1.6E-01
	702B	001		STORAGE TANK - VOC	N	1.5E-01	1.6E-01	1.5E-01	1.6E-01
	703	001		STORAGE TANK - VOC	N	6.4E-02	2.8E-02	6.4E-02	2.8E-02
		002		STORAGE TANK - VOC	N	3.2E+01	9.8E-02	3.2E+01	9.8E-02
	708	001		MAIN STACK	Y	3.7E+00	9.9E+00	1.2E+01	8.7E+00
	767	001		MAIN STACK	Y	5.7E-03	2.5E-02	1.7E-02	7.5E-02
	787	001		FUEL BURNING EQUIPMENT	Y	9.1E-02	2.9E-01	8.7E+00	3.8E+01
	T-1	001		FUEL BURNING EQUIPMENT	Y	4.2E-04	1.6E-04	4.2E-04	1.9E-03
		007		FUEL BURNING EQUIPMENT	Y	4.2E-04	1.6E-04	4.2E-04	1.9E-03
	T-5	001		FUEL BURNING EQUIPMENT	Y	2.4E-04	1.6E-04	2.4E-04	1.0E-03
		003		FUEL BURNING EQUIPMENT	Y	2.4E-04	1.6E-04	2.4E-04	1.0E-03
	T-6	001		FUEL BURNING EQUIPMENT	Y	4.4E-04	4.6E-04	4.4E-04	1.9E-03
		004		FUEL BURNING EQUIPMENT	Y	4.4E-04	4.6E-04	4.4E-04	1.9E-03
	TR19	002		FUEL BURNING EQUIPMENT	Y	2.4E-05	1.5E-04	2.4E-05	1.5E-04
	TR29	001		FUEL BURNING EQUIPMENT	Y	2.4E-04	1.8E-04	2.4E-04	1.0E-03
		008		FUEL BURNING EQUIPMENT	Y	2.4E-04	1.8E-04	2.4E-04	1.0E-03
	****	****	**********						
			sum			2.9E+02	1.6E+01	4.1E+02	5.4E+02

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
HPTF	601	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	Y	1.8E-03	5.4E-06	1.8E-03	7.9E-03
	****	****	**********						
			sum			1.8E-03	5.4E-06	1.8E-03	7.9E-03
	601	001	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	Y	1.3E-02	4.0E-05	1.3E-02	5.8E-02
	****	****	**********						
			sum			1.3E-02	4.0E-05	1.3E-02	5.8E-02
	601	001	PARTICULATE	FUEL BURNING EQUIPMENT	Y	3.8E-04	1.1E-06	3.8E-04	1.7E-03
	****	****	**********						
			sum			3.8E-04	1.1E-06	3.8E-04	1.7E-03
	601	001	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	9.4E-04	2.8E-06	9.4E-04	4.1E-03
	****	****	**********						
			sum			9.4E-04	2.8E-06	9.4E-04	4.1E-03
	601	001	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	Y	4.7E-04	1.4E-06	4.7E-04	2.1E-03
	****	****	**********						
			sum			4.7E-04	1.4E-06	4.7E-04	2.1E-03

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
INEL	100	001	PARTICULATE	PAVED ROADS	Y	8.1E+01	2.2E+02	1.6E+02	4.4E+02
	101	001		UNPAVED ROADS	Y	1.7E+02	9.9E+00	3.3E+02	2.0E+01
	****	****	**********						
			sum			2.5E+02	2.3E+02	4.9E+02	4.6E+02

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
NRF	602	005	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.2E+00	6.1E-02	1.2E+00	5.4E+00
	617C	001		FUEL BURNING EQUIPMENT	N	6.5E+00	8.5E-01	9.1E+00	4.0E+01
		002		FUEL BURNING EQUIPMENT	N	6.5E+00	7.1E-01	9.1E+00	4.0E+01
	620	012		FUEL BURNING EQUIPMENT	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
		013		FUEL BURNING EQUIPMENT	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
		014		FUEL BURNING EQUIPMENT	N	8.0E-01	5.5E-01	2.3E+00	9.9E+00
	622	001		FUEL BURNING EQUIPMENT	N	1.2E+00	9.8E-03	1.2E+00	5.4E+00
	633A	078		FUEL BURNING EQUIPMENT	N	5.0E+00	2.6E-01	5.5E+00	2.4E+01
	635	006		FUEL BURNING EQUIPMENT	N	7.9E-01	2.0E-02	1.3E+00	5.6E+00
		007		FUEL BURNING EQUIPMENT	N	7.9E-01	2.0E-02	1.3E+00	5.6E+00
	686	016		FUEL BURNING EQUIPMENT	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
		017		FUEL BURNING EQUIPMENT	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
		018		FUEL BURNING EQUIPMENT	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
		019		FUEL BURNING EQUIPMENT	N	9.1E+00	2.5E-01	1.2E+01	5.1E+01
	****	****	**********						
			sum			6.1E+01	4.6E+00	8.2E+01	3.6E+02
	601A	019	NITROGEN OXIDES	CHEMICAL SOURCES	Y	2.9E-06	6.0E-06	2.9E-06	1.3E-05
	602	005		FUEL BURNING EQUIPMENT	N	5.6E+00	2.8E-01	5.6E+00	2.5E+01
	617C	001		FUEL BURNING EQUIPMENT	N	2.5E+01	3.3E+00	3.5E+01	1.5E+02
		002		FUEL BURNING EQUIPMENT	N	2.5E+01	2.8E+00	3.5E+01	1.5E+02
	620	012		FUEL BURNING EQUIPMENT	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
		013		FUEL BURNING EQUIPMENT	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
		014		FUEL BURNING EQUIPMENT	N	8.8E+00	6.1E+00	2.5E+01	1.1E+02
	622	001		FUEL BURNING EQUIPMENT	N	5.6E+00	4.5E-02	5.6E+00	2.5E+01
	633A	078		FUEL BURNING EQUIPMENT	N	1.9E+01	1.0E+00	2.1E+01	9.3E+01
	635	006		FUEL BURNING EQUIPMENT	N	3.6E+00	9.4E-02	5.9E+00	2.6E+01
		007		FUEL BURNING EQUIPMENT	N	3.6E+00	9.4E-02	5.9E+00	2.6E+01
	686	016		FUEL BURNING EQUIPMENT	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
		017		FUEL BURNING EQUIPMENT	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
		018		FUEL BURNING EQUIPMENT	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
		019		FUEL BURNING EQUIPMENT	N	3.5E+01	9.6E-01	4.5E+01	2.0E+02
	****	****	**********						
			sum			2.5E+02	3.0E+01	3.7E+02	1.6E+03
	602	005	PARTICULATE	FUEL BURNING EQUIPMENT	N	4.0E-01	2.0E-02	4.0E-01	1.8E+00
		008		OTHER CHEMICAL SOURCE	Y	2.9E-02	3.0E-03	2.9E-02	7.9E+00
		023		FAB. PROCESS - DUST	Y	7.7E-02	2.0E-03	7.7E-02	3.4E-01
	617C	001		FUEL BURNING EQUIPMENT	N	2.5E+00	3.2E-01	3.5E+00	1.5E+01
		002		FUEL BURNING EQUIPMENT	N	2.5E+00	2.8E-01	3.5E+00	1.5E+01
	618	024		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
		025		CHEMICAL SOURCES	Y	6.3E-04	6.4E-04	6.3E-04	2.7E-03
	619	004		CHEMICAL SOURCES	Y	1.9E-04	5.8E-04	1.9E-04	8.2E-04
		016		CHEMICAL SOURCES	Y	3.9E-03	1.2E-04	3.9E-03	1.7E-02
		017		CHEMICAL SOURCES	Y	2.6E-03	1.2E-04	2.6E-03	1.1E-02
		018		CHEMICAL SOURCES	Y	2.6E-03	1.2E-04	2.6E-03	1.1E-02
	620	012		FUEL BURNING EQUIPMENT	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
		013		FUEL BURNING EQUIPMENT	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
		014		FUEL BURNING EQUIPMENT	N	1.6E+00	1.1E+00	4.5E+00	2.0E+01
	622	001		FUEL BURNING EQUIPMENT	N	4.0E-01	3.2E-03	4.0E-01	1.8E+00
	633A	078		FUEL BURNING EQUIPMENT	N	1.9E+00	1.0E-01	2.1E+00	9.3E+00
		088		CHEMICAL SOURCES	Y	7.8E-04	6.1E-05	7.8E-04	3.4E-03
		089		CHEMICAL SOURCES	Y	3.3E-01	2.6E-02	3.3E-01	1.4E+00
	635	006		FUEL BURNING EQUIPMENT	N	2.6E-01	6.7E-03	4.2E-01	1.8E+00
		007		FUEL BURNING EQUIPMENT	N	2.6E-01	6.7E-03	4.2E-01	1.8E+00
	686	016		FUEL BURNING EQUIPMENT	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
		017		FUEL BURNING EQUIPMENT	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
		018		FUEL BURNING EQUIPMENT	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01
		019		FUEL BURNING EQUIPMENT	N	3.5E+00	9.6E-02	4.5E+00	2.0E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
NRF	708	001	PARTICULATE	COOLING TOWER	Y	1.9E+00	8.5E+00	6.8E+01	3.0E+02
	716	001		CHEMICAL SOURCES	Y	3.0E+00	1.3E+01	4.2E+01	1.9E+02
	****	****	**********						
			sum			3.2E+01	2.6E+01	1.5E+02	6.8E+02
	601	036	PB	CHEMICAL SOURCES	Y	2.5E-12	3.8E-13	2.5E-12	1.1E-11
	620	012		FUEL BURNING EQUIPMENT	N	6.7E-04	4.6E-04	1.9E-03	8.3E-03
		013		FUEL BURNING EQUIPMENT	N	6.7E-04	4.6E-04	1.9E-03	8.3E-03
		014		FUEL BURNING EQUIPMENT	N	6.7E-04	4.6E-04	1.9E-03	8.3E-03
	****	****	**********						
			sum			2.0E-03	1.4E-03	5.7E-03	2.5E-02
	601	023	RADIONUCLIDE	REACTOR COMPARTMENT EXHST	Y	.0E+00	.0E+00	5.6E-05	6.7E-04
	601A	019		CHEMICAL SOURCES	Y	1.3E-05	1.5E-04	3.8E-05	4.5E-04
	601C	019		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.7E-09	2.0E-08
	601F	019		CHEMICAL SOURCES	Y	.0E+00	.0E+00	4.5E-07	5.4E-06
	616	012		CHEMICAL SOURCES	Y	5.8E-07	6.9E-06	1.0E-03	1.2E-02
		039		CHEMICAL SOURCES	Y	1.3E-03	1.6E-02	1.9E-02	2.3E-01
	616A	002		CHEMICAL SOURCES	Y	4.7E-10	5.6E-09	7.7E-06	9.2E-05
	616B	006		CHEMICAL SOURCES	Y	.0E+00	.0E+00	5.3E-06	6.3E-05
	617	013		CHEMICAL SOURCES	Y	7.7E-04	9.2E-03	5.8E-03	7.0E-02
		020		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.6E-08	3.1E-07
	618	024		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.1E-03	1.3E-02
		025		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		026		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		027		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		028		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		029		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		032		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.1E-03	1.3E-02
		033		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		034		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		035		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		036		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		037		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.1E-03	1.3E-02
		038		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		039		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		040		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		041		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		042		CHEMICAL SOURCES	Y	0.0E+00	0.0E+00	1.1E-03	1.3E-02
		043		CHEMICAL SOURCES	Y	6.6E-05	7.9E-04	1.1E-03	1.3E-02
		099		CHEMICAL SOURCES	Y	1.7E-02	2.0E-01	4.7E-02	5.6E-01
		103		RADIOLOGICAL PROCESS	Y	5.1E-02	6.1E-01	1.7E-01	2.0E+00
	628A	003		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.3E-05	1.0E-03
		006		CHEMICAL SOURCES	Y	1.3E-02	1.5E-01	1.8E-01	2.1E+00
	631	101		CHEMICAL SOURCES	Y	6.5E-10	7.8E-09	1.1E-06	1.3E-05
	633A	057		CHEMICAL SOURCES	Y	2.6E-02	3.1E-01	1.9E-01	2.3E+00
	710	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	3.0E-08	3.6E-07
	720A	001		FUGITIVE SOURCE		2.3E-06	2.7E-05	2.3E-06	2.8E-05
	721	001		FUGITIVE SOURCE		5.2E-07	6.2E-06	5.2E-07	6.3E-06
	722A	001		FUGITIVE SOURCE		2.7E-07	3.2E-06	2.7E-07	3.2E-06
	FUG	001		FUGITIVE SOURCE		2.9E-10	3.5E-09	3.0E-10	3.5E-09
		002		FUGITIVE SOURCE		9.8E-08	1.2E-06	9.9E-08	1.2E-06
		003		FUGITIVE SOURCE		4.5E-08	5.3E-07	4.4E-08	5.3E-07
		004		FUGITIVE SOURCE		1.1E-10	1.3E-09	1.1E-10	1.3E-09
	****	****	**********						
			sum			1.1E-01	1.4E+00	6.3E-01	7.5E+00
	601A	019	SULFUR OXIDES	CHEMICAL SOURCES	Y	2.6E-06	5.5E-06	2.6E-06	1.2E-05
	602	005		FUEL BURNING EQUIPMENT	N	3.7E-01	1.9E-02	3.7E-01	1.6E+00
	617C	001		FUEL BURNING EQUIPMENT	N	1.8E+00	2.3E-01	2.5E+00	1.1E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CAL C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
NRF	617C	002	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	1.8E+00	2.0E-01	2.5E+00	1.1E+01
	620	012		FUEL BURNING EQUIPMENT	N	4.3E+01	3.0E+01	1.2E+02	5.3E+02
		013		FUEL BURNING EQUIPMENT	N	4.3E+01	3.0E+01	1.2E+02	5.3E+02
		014		FUEL BURNING EQUIPMENT	N	4.3E+01	3.0E+01	1.2E+02	5.3E+02
	622	001		FUEL BURNING EQUIPMENT	N	3.7E-01	3.0E-03	3.7E-01	1.6E+00
	633A	078		FUEL BURNING EQUIPMENT	N	1.4E+00	7.2E-02	1.5E+00	6.7E+00
	635	006		FUEL BURNING EQUIPMENT	N	2.4E-01	6.2E-03	3.9E-01	1.7E+00
		007		FUEL BURNING EQUIPMENT	N	2.4E-01	6.2E-03	3.9E-01	1.7E+00
	686	016		FUEL BURNING EQUIPMENT	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
		017		FUEL BURNING EQUIPMENT	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
		018		FUEL BURNING EQUIPMENT	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
		019		FUEL BURNING EQUIPMENT	N	2.5E+00	6.9E-02	3.2E+00	1.4E+01
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			sum			1.5E+02	9.0E+01	3.9E+02	1.7E+03
	601A	019	VOC-NONMETHANE	CHEMICAL SOURCES	Y	3.7E-02	7.8E-02	9.9E-02	4.3E-01
	602	005		FUEL BURNING EQUIPMENT	N	5.3E-01	2.7E-02	5.3E-01	2.3E+00
		006		CHEMICAL SOURCES	Y	2.5E-01	2.6E-01	2.5E-01	1.1E+00
		044		STORAGE TANK - VOC	N	1.2E-01	6.7E-03	1.2E-01	6.7E-03
	603	031		CHEMICAL SOURCES	Y	3.4E-02	3.6E-02	3.4E-02	1.5E-01
	616	012		CHEMICAL SOURCES	Y	1.7E-06	2.2E-07	1.7E-06	7.4E-06
	617C	001		FUEL BURNING EQUIPMENT	N	6.5E-01	8.4E-02	9.1E-01	4.0E+00
		002		FUEL BURNING EQUIPMENT	N	6.5E-01	7.2E-02	9.1E-01	4.0E+00
		003		STORAGE TANK - VOC	N	3.4E-01	3.0E-02	3.4E-01	3.0E-02
	618	025		CHEMICAL SOURCES	Y	3.6E-02	1.6E-02	3.6E-02	2.2E-02
		099		CHEMICAL SOURCES	Y	7.8E-03	3.4E-02	7.8E-03	4.8E-02
		103		RADIOLOGICAL PROCESS	Y	1.1E-02	4.4E-02	1.1E-02	6.2E-02
		200		STORAGE TANK - VOC	N	5.5E-25	2.4E-24	5.5E-25	2.4E-24
	620	012		FUEL BURNING EQUIPMENT	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
		013		FUEL BURNING EQUIPMENT	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
		014		FUEL BURNING EQUIPMENT	N	4.5E-02	3.1E-02	1.3E-01	5.5E-01
	622	001		FUEL BURNING EQUIPMENT	N	5.3E-01	4.3E-03	5.3E-01	2.3E+00
		007		STORAGE TANK - VOC	N	1.3E-01	6.2E-02	1.3E-01	6.2E-02
	633A	004		STORAGE TANK - VOC	N	1.2E-01	2.6E-02	1.2E-01	2.6E-02
		031		STORAGE TANK - VOC	N	3.4E-24	1.5E-23	3.4E-24	1.5E-23
		078		FUEL BURNING EQUIPMENT	N	5.0E-01	2.6E-02	5.5E-01	2.4E+00
	635	006		FUEL BURNING EQUIPMENT	N	3.4E-01	8.9E-03	5.6E-01	2.4E+00
		007		FUEL BURNING EQUIPMENT	N	3.4E-01	8.9E-03	5.6E-01	2.4E+00
		008		STORAGE TANK - VOC	N	1.2E-01	2.3E-03	1.2E-01	2.3E-03
	663	022		CHEMICAL SOURCES	Y	3.3E-01	1.8E-02	3.3E-01	1.5E+00
	686	001		STORAGE TANK - VOC	N	3.4E-01	1.7E-03	3.4E-01	1.7E-03
		002		STORAGE TANK - VOC	N	3.4E-01	1.7E-03	3.4E-01	1.7E-03
		003		STORAGE TANK - VOC	N	3.4E-01	1.7E-03	3.4E-01	1.7E-03
		004		STORAGE TANK - VOC	N	3.4E-01	1.7E-03	3.4E-01	1.7E-03
		016		FUEL BURNING EQUIPMENT	N	9.1E-01	2.5E-02	1.2E+00	5.1E+00
		017		FUEL BURNING EQUIPMENT	N	9.1E-01	2.5E-02	1.2E+00	5.1E+00
		018		FUEL BURNING EQUIPMENT	N	9.1E-01	2.5E-02	1.2E+00	5.1E+00
		019		FUEL BURNING EQUIPMENT	N	9.1E-01	2.5E-02	1.2E+00	5.1E+00
	709	001		STORAGE TANK - VOC	N	1.3E-01	7.2E-02	1.3E-01	7.2E-02
	711	001		STORAGE TANK - VOC	N	1.2E-01	5.1E-01	1.2E-01	5.1E-01
		002		STORAGE TANK - VOC	N	1.2E-01	5.1E-01	1.2E-01	5.1E-01
		003		STORAGE TANK - VOC	N	1.2E-01	5.1E-01	1.2E-01	5.1E-01
	739	001		STORAGE TANK - VOC	N	1.7E-02	7.6E-02	1.7E-02	7.6E-02
		002		STORAGE TANK - VOC	N	1.7E-02	7.6E-02	1.7E-02	7.6E-02
	747	001		STORAGE TANK - VOC	N	1.1E-01	4.8E-01	1.1E-01	4.8E-01
		002		STORAGE TANK - VOC	N	1.1E-01	4.8E-01	1.1E-01	4.8E-01
	759A	001		STORAGE TANK - VOC	N	1.3E-01	7.9E-02	1.3E-01	7.9E-02
	759B	001		STORAGE TANK - VOC	N	1.3E-01	7.9E-02	1.3E-01	7.9E-02
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			sum			1.1E+01	3.9E+00	1.4E+01	4.8E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
PER	601	010	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	7.0E-03	4.8E-03	1.8E-02	7.7E-02
	601A	010		FUEL BURNING EQUIPMENT	N	1.3E-02	6.4E-03	1.8E-02	7.7E-02
	609	006		FUEL BURNING EQUIPMENT	N	1.0E+00	1.3E-02	2.0E+00	8.9E+00
	612	006		FUEL BURNING EQUIPMENT	N	8.0E-03	5.5E-03	3.3E-02	1.4E-01
	613	009		FUEL BURNING EQUIPMENT	N	2.2E-02	1.6E-02	6.0E-02	2.6E-01
	619	015		FUEL BURNING EQUIPMENT	N	6.8E-03	6.4E-04	6.8E-03	3.0E-02
		016		FUEL BURNING EQUIPMENT	N	1.8E-02	7.0E-03	1.8E-02	7.7E-02
	620	023		FUEL BURNING EQUIPMENT	N	1.6E-02	4.1E-02	5.5E-02	2.4E-01
	621	001		FUEL BURNING EQUIPMENT	Y	4.5E-03	5.8E-05	4.5E-03	2.0E-02
		005		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	2.8E+01	1.2E+02
	622	003		RAD PROCESS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	625	001		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	626	004		FUEL BURNING EQUIPMENT	N	2.7E-01	5.0E-03	9.2E-01	4.0E+00
	632	007		FUEL BURNING EQUIPMENT	N	1.2E-03	1.2E-03	1.1E-02	4.9E-02
		008		FUEL BURNING EQUIPMENT	N	1.2E-03	1.2E-03	1.1E-02	4.9E-02
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.0E+01	4.0E+01
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			sum			1.4E+00	1.0E-01	5.1E+01	1.7E+02
	601	010	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	2.8E-02	1.9E-02	7.0E-02	3.1E-01
	601A	010		FUEL BURNING EQUIPMENT	N	5.2E-02	2.6E-02	7.0E-02	3.1E-01
	609	006		FUEL BURNING EQUIPMENT	N	4.7E+00	6.1E-02	9.4E+00	4.1E+01
	612	006		FUEL BURNING EQUIPMENT	N	3.2E-02	2.2E-02	1.3E-01	5.8E-01
	613	009		FUEL BURNING EQUIPMENT	N	8.6E-02	6.5E-02	2.4E-01	1.1E+00
	619	015		FUEL BURNING EQUIPMENT	N	2.4E-02	2.3E-03	2.4E-02	1.1E-01
		016		FUEL BURNING EQUIPMENT	N	6.3E-02	2.5E-02	6.3E-02	2.8E-01
	620	023		FUEL BURNING EQUIPMENT	N	6.6E-02	1.6E-01	2.2E-01	9.6E-01
	621	001		FUEL BURNING EQUIPMENT	Y	2.2E-02	2.9E-04	2.2E-02	9.6E-02
		005		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	7.1E-01	3.1E+00
	622	003		RAD PROCESS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	625	001		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	626	004		FUEL BURNING EQUIPMENT	N	1.2E+00	2.3E-02	4.2E+00	1.8E+01
	632	007		FUEL BURNING EQUIPMENT	N	5.0E-03	4.8E-03	4.5E-02	2.0E-01
		008		FUEL BURNING EQUIPMENT	N	5.0E-03	4.8E-03	4.5E-02	2.0E-01
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.6E+00	5.1E+00
	756	001		RADIOLOGICAL PROCESS	Y	.0E+00	.0E+00	2.5E+00	1.1E+01
	****	****	**********						
			sum			6.3E+00	4.2E-01	2.0E+01	8.3E+01
	601	010	PARTICULATE	FUEL BURNING EQUIPMENT	N	2.8E-03	1.9E-03	7.0E-03	3.1E-02
	601A	010		FUEL BURNING EQUIPMENT	N	5.2E-03	2.6E-03	7.0E-03	3.1E-02
	609	006		FUEL BURNING EQUIPMENT	N	3.4E-01	4.4E-03	6.7E-01	2.9E+00
	612	006		FUEL BURNING EQUIPMENT	N	3.2E-03	2.2E-03	1.3E-02	5.8E-02
	613	009		FUEL BURNING EQUIPMENT	N	8.6E-03	6.5E-03	2.4E-02	1.1E-01
	619	015		FUEL BURNING EQUIPMENT	N	3.4E-03	3.2E-04	3.4E-03	1.5E-02
		016		FUEL BURNING EQUIPMENT	N	8.8E-03	3.5E-03	8.8E-03	3.8E-02
	620	023		FUEL BURNING EQUIPMENT	N	6.6E-03	1.6E-02	2.2E-02	9.6E-02
	621	001		FUEL BURNING EQUIPMENT	Y	1.1E-03	1.4E-05	1.1E-03	4.8E-03
		005		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	4.5E-02	2.0E-01
	622	003		RAD PROCESS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	625	001		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	626	004		FUEL BURNING EQUIPMENT	N	8.7E-02	1.7E-03	3.0E-01	1.3E+00
	632	007		FUEL BURNING EQUIPMENT	N	5.0E-04	4.8E-04	4.5E-03	2.0E-02
		008		FUEL BURNING EQUIPMENT	N	5.0E-04	4.8E-04	4.5E-03	2.0E-02
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	3.0E-03	6.0E-03
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			sum			4.6E-01	4.0E-02	1.1E+00	4.9E+00
	601	010	PB	FUEL BURNING EQUIPMENT	N	1.8E-06	1.2E-06	4.4E-06	1.9E-05
	601A	010		FUEL BURNING EQUIPMENT	N	3.3E-06	1.6E-06	4.4E-06	1.9E-05

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
PER	612	006		FUEL BURNING EQUIPMENT	N	2.0E-06	1.4E-06	8.3E-06	3.6E-05
	613	009		FUEL BURNING EQUIPMENT	N	5.4E-06	4.0E-06	1.5E-05	6.6E-05
	619	015		FUEL BURNING EQUIPMENT	N	1.7E-06	1.6E-07	1.7E-06	7.4E-06
		016		FUEL BURNING EQUIPMENT	N	4.4E-06	1.8E-06	4.4E-06	1.9E-05
	620	023		FUEL BURNING EQUIPMENT	N	4.1E-06	1.0E-05	1.4E-05	6.0E-05
	621	005		FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	.0E+00	.0E+00
	625	001		FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	.0E+00	.0E+00
	632	007		FUEL BURNING EQUIPMENT	N	3.1E-07	3.0E-07	2.8E-06	1.2E-05
		008		FUEL BURNING EQUIPMENT	N	3.1E-07	3.0E-07	2.8E-06	1.2E-05
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	5.0E-06	9.8E-06
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			sum			2.3E-05	2.1E-05	6.3E-05	2.6E-04
	620	016	RADIONUCLIDE	RAD SOURCE	Y	2.6E-07	3.1E-06	4.4E-04	5.2E-03
		041		RAD SOURCE	Y	2.3E-14	2.7E-13	7.5E-11	9.0E-10
	622	003		RAD PROCESS	Y	.0E+00	.0E+00	.0E+00	.0E+00
	730	001		RAD SOURCE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	731	002		RAD SOURCE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	733	001		RAD SOURCE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.8E+00	1.7E+01
	756	001		RADIOLOGICAL PROCESS	Y	6.6E-10	7.9E-09	2.2E+00	2.7E+01
	765	001		CHEMICAL SOURCES		4.2E-11	5.0E-10	2.7E-01	3.3E+00
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			sum			2.6E-07	3.1E-06	5.3E+00	4.7E+01
	601	010	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	1.0E-01	6.9E-02	2.5E-01	1.1E+00
	601A	010		FUEL BURNING EQUIPMENT	N	1.9E-01	9.2E-02	2.5E-01	1.1E+00
	609	006		FUEL BURNING EQUIPMENT	N	3.1E-01	4.1E-03	6.2E-01	2.7E+00
	612	006		FUEL BURNING EQUIPMENT	N	1.2E-01	8.0E-02	4.8E-01	2.1E+00
	613	009		FUEL BURNING EQUIPMENT	N	3.1E-01	2.3E-01	8.6E-01	3.8E+00
	619	015		FUEL BURNING EQUIPMENT	N	9.7E-02	9.2E-03	9.7E-02	4.3E-01
		016		FUEL BURNING EQUIPMENT	N	2.5E-01	1.0E-01	2.5E-01	1.1E+00
	620	023		FUEL BURNING EQUIPMENT	N	2.4E-01	5.9E-01	7.9E-01	3.5E+00
	621	001		FUEL BURNING EQUIPMENT	Y	2.3E-04	2.9E-06	2.3E-04	1.0E-03
		005		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	3.7E-02	1.6E-01
	625	001		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
	626	004		FUEL BURNING EQUIPMENT	N	8.1E-02	1.5E-03	2.8E-01	1.2E+00
	632	007		FUEL BURNING EQUIPMENT	N	1.8E-02	1.7E-02	1.6E-01	7.1E-01
		008		FUEL BURNING EQUIPMENT	N	1.8E-02	1.7E-02	1.6E-01	7.1E-01
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	2.6E+00	5.2E+00
	****	****	**********						
			sum			1.7E+00	1.2E+00	6.9E+00	2.4E+01
	601	010	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	4.8E-04	3.3E-04	1.2E-03	5.2E-03
	601A	010		FUEL BURNING EQUIPMENT	N	8.8E-04	4.3E-04	1.2E-03	5.2E-03
	609	006		FUEL BURNING EQUIPMENT	N	4.5E-01	5.8E-03	8.9E-01	3.9E+00
		010		STORAGE TANK - VOC	N	4.8E-02	1.3E-01	4.8E-02	1.3E-01
	612	006		FUEL BURNING EQUIPMENT	N	5.4E-04	3.8E-04	2.2E-03	9.8E-03
	613	009		FUEL BURNING EQUIPMENT	N	1.5E-03	1.1E-03	4.1E-03	1.8E-02
	619	015		FUEL BURNING EQUIPMENT	N	9.6E-04	9.1E-05	9.6E-04	4.2E-03
		016		FUEL BURNING EQUIPMENT	N	2.5E-03	1.0E-03	2.5E-03	1.1E-02
	620	023		FUEL BURNING EQUIPMENT	N	1.1E-03	2.8E-03	3.7E-03	1.6E-02
	621	001		FUEL BURNING EQUIPMENT	Y	1.2E-03	1.5E-05	1.2E-03	5.3E-03
		005		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	9.5E-01	4.2E+00
	625	001		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
		002		STORAGE TANK - VOC	N	4.5E-26	2.0E-25	4.5E-26	2.0E-25
		004		STORAGE TANK - VOC	N	7.2E-05	3.2E-04	7.2E-05	3.2E-04
	626	004		FUEL BURNING EQUIPMENT	N	1.2E-01	2.2E-03	4.0E-01	1.8E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
PER	626	005	VOC-NONMETHANE	STORAGE TANK - VOC	N	3.8E-03	1.7E-03	3.8E-03	1.7E-03
	632	007		FUEL BURNING EQUIPMENT	N	8.5E-05	8.1E-05	7.7E-04	3.4E-03
		008		FUEL BURNING EQUIPMENT	N	8.5E-05	8.1E-05	7.7E-04	3.4E-03
	705	001		STORAGE TANK - VOC	N	1.2E-01	2.1E-02	1.2E-01	2.1E-02
	711	001		STORAGE TANK - VOC	N	.0E+00	.0E+00	.0E+00	.0E+00
	716	001		STORAGE TANK - VOC	N	6.2E-02	1.8E-02	6.2E-02	1.8E-02
	722	001		STORAGE TANK - VOC	N	7.0E-02	5.2E-02	7.0E-02	5.2E-02
	737	001		STORAGE TANK - VOC	N	6.0E-02	8.6E-03	6.0E-02	8.6E-03
	740	001		STORAGE TANK - VOC	N	6.1E-02	1.1E-02	6.1E-02	1.1E-02
	742	001		STORAGE TANK - VOC	N	5.9E-02	5.0E-03	5.9E-02	5.0E-03
	743	001		STORAGE TANK - VOC	N	6.2E-02	1.6E-02	6.2E-02	1.6E-02
	749	001		STORAGE TANK - VOC	N	7.1E-24	3.1E-23	7.1E-24	3.1E-23
	752	001		STORAGE TANK - VOC	N	6.1E-02	1.1E-02	6.1E-02	1.1E-02
	755	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	1.8E-02	3.5E-02
	****	****	**********						
			sum			1.2E+00	3.0E-01	2.9E+00	1.0E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TRA	619	008	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
		009		FUEL BURNING EQUIPMENT	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
	633	003		FUEL BURNING EQUIPMENT	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
		004		FUEL BURNING EQUIPMENT	N	1.0E+00	2.7E-02	1.0E+00	4.5E+00
	670	046		FUEL BURNING EQUIPMENT	N	6.2E+00	1.4E+01	7.8E+00	3.4E+01
		053		FUEL BURNING EQUIPMENT	N	6.2E+00	1.4E+01	7.8E+00	3.4E+01
	674	007		FUEL BURNING EQUIPMENT	N	5.5E+00	7.2E-02	1.1E+01	4.8E+01
	****	****	**********						
			sum			2.2E+01	2.7E+01	3.1E+01	1.3E+02
	619	008	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
		009		FUEL BURNING EQUIPMENT	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
	633	003		FUEL BURNING EQUIPMENT	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
		004		FUEL BURNING EQUIPMENT	N	4.7E+00	1.2E-01	4.7E+00	2.1E+01
	670	046		FUEL BURNING EQUIPMENT	N	2.4E+01	5.3E+01	3.0E+01	1.3E+02
		053		FUEL BURNING EQUIPMENT	N	2.4E+01	5.2E+01	3.0E+01	1.3E+02
	674	007		FUEL BURNING EQUIPMENT	N	2.5E+01	3.3E-01	5.1E+01	2.2E+02
	****	****	**********						
			sum			9.2E+01	1.1E+02	1.3E+02	5.7E+02
	619	008	PARTICULATE	FUEL BURNING EQUIPMENT	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
		009		FUEL BURNING EQUIPMENT	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
	633	003		FUEL BURNING EQUIPMENT	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
		004		FUEL BURNING EQUIPMENT	N	3.4E-01	8.7E-03	3.4E-01	1.5E+00
	653	028		CHEMICAL SOURCES	Y	3.6E-08	1.5E-03	7.8E-02	3.4E-01
		041		CHEMICAL SOURCES	Y	1.5E-02	6.0E-04	1.5E-02	1.1E-03
	670	046		FUEL BURNING EQUIPMENT	N	2.4E+00	5.3E+00	3.0E+00	1.3E+01
		053		FUEL BURNING EQUIPMENT	N	2.4E+00	5.2E+00	3.0E+00	1.3E+01
	674	007		FUEL BURNING EQUIPMENT	N	1.8E+00	2.4E-02	3.6E+00	1.6E+01
	771	001		COOLING TOWER	Y	1.1E+00	5.0E+00	1.5E+00	6.6E+00
	****	****	**********						
			sum			9.1E+00	1.5E+01	1.3E+01	5.5E+01
	604	035	RADIONUCLIDE	CHEMICAL SOURCES	Y	7.3E-08	8.8E-07	1.1E-07	1.3E-06
	632	015		CHEMICAL SOURCES	Y	.0E+00	.0E+00	4.5E-05	5.4E-04
		019		CHEMICAL SOURCES	Y	1.8E-08	2.2E-07	3.0E-06	3.7E-05
		030		CHEMICAL SOURCES	Y	1.8E-08	2.2E-07	3.0E-06	3.7E-05
		041		CHEMICAL SOURCES	Y	1.8E-08	2.2E-07	3.0E-06	3.7E-05
	635	030		RADIOLOGICAL	Y	.0E+00	.0E+00	.0E+00	.0E+00
		031		RADIOLOGICAL	Y	.0E+00	.0E+00	.0E+00	.0E+00
	660	004		HOOD	Y	.0E+00	.0E+00	.0E+00	.0E+00
	661	008		CHEMICAL SOURCES	Y	1.1E-08	1.4E-07	1.2E-07	1.4E-06
	665	001		TRITIUM TRAP EXHAUST	Y	.0E+00	.0E+00	.0E+00	.0E+00
	668	013		CHEMICAL SOURCES	Y	8.3E-04	1.0E-02	8.3E-03	1.0E-01
	670	074		RADIOACTIVE HOOD	Y	1.4E-09	1.7E-08	3.0E-09	3.6E-08
		086		CHEMICAL SOURCES		.0E+00	1.7E-08	.0E+00	3.6E-08
		098		RAD/CHEMICAL	Y	.0E+00	.0E+00	3.0E-09	3.6E-08
	710	001		RADIOLOGICAL	Y	2.5E-04	3.0E-03	4.4E-05	1.9E-04
	715	001		EVAPORATION POND		1.0E+01	1.2E+02	.0E+00	.0E+00
	770	001		RADIOLOGICAL	Y	1.3E+02	1.5E+03	9.9E+02	4.3E+03
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			sum			1.4E+02	1.6E+03	9.9E+02	4.3E+03

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TRA	619	008	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
		009		FUEL BURNING EQUIPMENT	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
	633	003		FUEL BURNING EQUIPMENT	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
		004		FUEL BURNING EQUIPMENT	N	3.1E-01	8.1E-03	3.1E-01	1.4E+00
	670	046		FUEL BURNING EQUIPMENT	N	1.7E+00	3.8E+00	2.2E+00	9.5E+00
		053		FUEL BURNING EQUIPMENT	N	1.7E+00	3.7E+00	2.2E+00	9.5E+00
	674	007		FUEL BURNING EQUIPMENT	N	1.7E+00	2.2E-02	3.4E+00	1.5E+01
	****	****	**********						
			sum			6.4E+00	7.6E+00	8.9E+00	3.9E+01
	604	027	VOC-NONMETHANE	CHEMICAL SOURCES	Y	2.7E-02	5.7E-03	2.7E-02	1.2E-02
		035		CHEMICAL SOURCES	Y	4.3E-04	2.5E-03	4.3E-04	2.5E-03
	614	032		FUMEHOOD	Y	5.4E-02	2.4E-01	5.4E-02	2.4E-01
	619	006		STORAGE TANK - VOC	N	3.4E-01	2.0E-03	3.4E-01	2.0E-03
		008		FUEL BURNING EQUIPMENT	N	4.5E-01	1.2E-02	4.5E-01	2.0E+00
		009		FUEL BURNING EQUIPMENT	N	4.5E-01	1.2E-02	4.5E-01	2.0E+00
	633	002		STORAGE TANK - VOC	N	3.4E-01	6.4E-03	3.4E-01	6.4E-03
		003		FUEL BURNING EQUIPMENT	N	4.5E-01	1.2E-02	4.5E-01	2.0E+00
		004		FUEL BURNING EQUIPMENT	N	4.5E-01	1.2E-02	4.5E-01	2.0E+00
	640	004		STORAGE TANK - VOC	N	6.3E-01	2.7E+00	6.3E-01	2.7E+00
	661	008		CHEMICAL SOURCES	Y	2.9E-03	1.3E-02	2.9E-03	1.3E-02
	670	044		STORAGE TANK - VOC	N	1.8E-02	9.8E-03	1.8E-02	9.8E-03
		046		FUEL BURNING EQUIPMENT	N	6.2E-01	1.4E+00	7.8E-01	3.4E+00
		047		STORAGE TANK - VOC	N	4.1E-04	3.5E-04	4.1E-04	3.5E-04
		048		STORAGE TANK - VOC	N	3.4E-03	9.2E-06	3.4E-03	9.2E-06
		053		FUEL BURNING EQUIPMENT	N	6.2E-01	1.4E+00	7.8E-01	3.4E+00
		054		STORAGE TANK - VOC	Y	3.3E-04	2.0E-08	3.3E-04	2.0E-08
	674	005		STORAGE TANK - VOC	N	2.1E-25	9.4E-25	2.1E-25	9.4E-25
		007		FUEL BURNING EQUIPMENT	N	2.4E+00	3.1E-02	4.8E+00	2.1E+01
	675	001		STORAGE TANK - VOC	Y	3.3E-04	1.3E-08	3.3E-04	1.3E-08
		002		STORAGE TANK - VOC	Y	3.3E-04	1.3E-08	3.3E-04	1.3E-08
	707	001		STORAGE TANK - VOC	N	2.7E+01	3.7E-01	2.7E+01	3.7E-01
	727	001		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		002		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
		003		STORAGE TANK - VOC	N	1.6E-01	3.3E-01	1.6E-01	3.3E-01
		004		STORAGE TANK - VOC	N	2.1E-01	5.3E-01	2.1E-01	5.3E-01
	771	001		COOLING TOWER	Y	2.9E-01	1.3E+00	2.9E-01	1.3E+00
	775	001		STORAGE TANK - VOC	N	1.8E-01	4.3E-01	1.8E-01	4.3E-01
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			sum			3.5E+01	8.8E+00	3.8E+01	4.2E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
WMF	603	001	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	1.3E+00	2.9E-02	2.7E+00	1.2E+01
		005		FUEL BURNING EQUIPMENT	Y	3.6E-03	2.6E-04	4.9E-03	2.1E-02
	610	003		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.2E-04	4.9E-03	2.1E-02
		004		FUEL BURNING EQUIPMENT	Y	3.6E-04	1.3E-02	3.6E-04	1.6E-02
	612	001		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.2E-04	4.9E-03	2.1E-02
		004		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.3E-02	3.6E-03	1.6E-02
	711	001		FUEL BURNING EQUIPMENT	Y	1.8E-03	1.2E-04	2.3E-03	1.0E-02
		004		FUEL BURNING EQUIPMENT	Y	3.6E-03	1.3E-02	4.9E-03	2.1E-02
	****	****	**********						
			sum			1.3E+00	6.7E-02	2.7E+00	1.2E+01
	603	001	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	N	6.1E+00	1.3E-01	1.2E+01	5.3E+01
		005		FUEL BURNING EQUIPMENT	Y	1.8E-02	1.3E-03	2.4E-02	1.0E-01
	610	003		FUEL BURNING EQUIPMENT	Y	1.8E-02	5.7E-04	2.4E-02	1.0E-01
		004		FUEL BURNING EQUIPMENT	Y	1.8E-03	6.2E-02	1.8E-03	7.7E-02
	612	001		FUEL BURNING EQUIPMENT	Y	1.8E-02	5.7E-04	2.4E-02	1.0E-01
		004		FUEL BURNING EQUIPMENT	Y	1.8E-02	6.2E-02	1.8E-02	7.7E-02
	711	001		FUEL BURNING EQUIPMENT	Y	8.8E-03	5.7E-04	1.1E-02	5.0E-02
		004		FUEL BURNING EQUIPMENT	Y	1.8E-02	6.2E-02	2.4E-02	1.0E-01
	****	****	**********						
			sum			6.2E+00	3.2E-01	1.2E+01	5.4E+01
	603	001	PARTICULATE	FUEL BURNING EQUIPMENT	N	4.4E-01	9.4E-03	8.7E-01	3.8E+00
		005		FUEL BURNING EQUIPMENT	Y	8.8E-04	6.4E-05	1.2E-03	5.2E-03
	610	003		FUEL BURNING EQUIPMENT	Y	8.8E-04	2.8E-05	1.2E-03	5.2E-03
		004		FUEL BURNING EQUIPMENT	Y	8.8E-05	3.1E-03	8.8E-05	3.9E-03
	612	001		FUEL BURNING EQUIPMENT	Y	8.8E-04	2.8E-05	1.2E-03	5.2E-03
		004		FUEL BURNING EQUIPMENT	Y	8.8E-04	3.1E-03	8.8E-04	3.9E-03
	711	001		FUEL BURNING EQUIPMENT	Y	4.4E-04	2.8E-05	5.7E-04	2.5E-03
		004		FUEL BURNING EQUIPMENT	Y	8.8E-04	3.1E-03	1.2E-03	5.2E-03
	****	****	**********						
			sum			4.4E-01	1.9E-02	8.8E-01	3.8E+00
	601	009	RADIONUCLIDE	CHEMICAL SOURCES	Y	1.7E-07	2.0E-06	1.7E-07	2.0E-06
	615	001		CHEMICAL SOURCES	Y	1.0E-06	1.2E-05	3.4E-09	6.8E-09
	640	001		VAPOR VACUUM EXTRACTION	Y	.0E+00	.0E+00	.0E+00	.0E+00
	700	002		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
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			sum			1.2E-06	1.4E-05	1.7E-07	2.0E-06
	603	001	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	4.1E-01	8.7E-03	8.1E-01	3.6E+00
		005		FUEL BURNING EQUIPMENT	Y	1.8E-04	1.3E-05	2.4E-04	1.1E-03
	610	003		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.0E-06	2.4E-04	1.1E-03
		004		FUEL BURNING EQUIPMENT	Y	1.8E-05	6.4E-04	1.8E-05	7.9E-04
	612	001		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.0E-06	2.4E-04	1.1E-03
		004		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.4E-04	1.8E-04	7.9E-04
	711	001		FUEL BURNING EQUIPMENT	Y	9.0E-05	6.0E-06	1.2E-04	5.1E-04
		004		FUEL BURNING EQUIPMENT	Y	1.8E-04	6.4E-04	2.4E-04	1.1E-03
	****	****	**********						
			sum			4.1E-01	1.1E-02	8.1E-01	3.6E+00
	603	001	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	5.8E-01	1.2E-02	1.2E+00	5.1E+00
		002		STORAGE TANK - VOC	N	3.4E-01	5.2E-03	3.4E-01	5.2E-03
		005		FUEL BURNING EQUIPMENT	Y	9.4E-04	6.8E-05	1.3E-03	5.6E-03
	610	003		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.0E-05	1.3E-03	5.6E-03
		004		FUEL BURNING EQUIPMENT	Y	9.4E-05	2.3E-03	9.4E-05	4.1E-03
	612	001		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.0E-05	1.3E-03	5.6E-03
		004		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.3E-03	9.4E-04	4.1E-03
	640	001		VAPOR VACUUM EXTRACTION	Y	.0E+00	.0E+00	.0E+00	.0E+00
	711	001		FUEL BURNING EQUIPMENT	Y	4.7E-04	3.0E-05	6.1E-04	2.7E-03
		004		FUEL BURNING EQUIPMENT	Y	9.4E-04	3.3E-03	1.3E-03	5.6E-03
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			sum			9.2E-01	2.7E-02	1.5E+00	5.1E+00

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TAN	602	034	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	1.4E-02	6.3E-02
	603	011		FUEL BURNING EQUIPMENT	N	2.5E+00	3.3E-02	4.4E+00	1.9E+01
		022		FUEL BURNING EQUIPMENT	N	8.5E-02	2.8E-01	4.9E-01	2.1E+00
		027		FUEL BURNING EQUIPMENT	N	8.5E-02	1.0E+00	6.9E-01	3.0E+00
		028		FUEL BURNING EQUIPMENT	N	.0E+00	1.0E+00	7.0E-01	3.1E+00
	607	021		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
		046		FUEL BURNING EQUIPMENT	N	1.4E+00	2.0E-02	1.4E+00	6.3E+00
	610	002		FUEL BURNING EQUIPMENT	N	1.1E+00	1.5E-02	2.1E+00	9.2E+00
	641	022		FUEL BURNING EQUIPMENT	N	4.0E-01	7.7E-03	8.0E-01	3.5E+00
		034		FUEL BURNING EQUIPMENT	N	3.3E-02	5.6E-02	2.2E-01	9.9E-01
		035		FUEL BURNING EQUIPMENT	N	3.3E-02	5.6E-02	2.2E-01	9.9E-01
	652	003		FUEL BURNING EQUIPMENT	N	3.9E-01	5.1E-03	7.8E-01	3.4E+00
	665	002		FUEL BURNING EQUIPMENT	N	1.0E+00	1.3E-02	2.0E+00	8.9E+00
	687	020		FUEL BURNING EQUIPMENT	N	1.8E-01	1.1E-03	3.7E-01	1.6E+00
	716	004		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	3.5E-01	1.5E+00
	****	****	**********						
			sum			7.3E+00	2.5E+00	1.5E+01	6.4E+01
	602	034	NITROGEN OXIDES	FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	7.0E-02	3.1E-01
	603	011		FUEL BURNING EQUIPMENT	N	1.2E+01	1.5E-01	2.0E+01	8.8E+01
		022		FUEL BURNING EQUIPMENT	N	9.4E-01	3.0E+00	5.3E+00	2.3E+01
		027		FUEL BURNING EQUIPMENT	N	3.4E-01	4.0E+00	2.8E+00	1.2E+01
		028		FUEL BURNING EQUIPMENT	N	.0E+00	4.0E+00	2.8E+00	1.2E+01
	607	021		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
		046		FUEL BURNING EQUIPMENT	N	6.6E+00	9.4E-02	6.6E+00	2.9E+01
	610	002		FUEL BURNING EQUIPMENT	N	5.2E+00	7.0E-02	9.6E+00	4.2E+01
	641	022		FUEL BURNING EQUIPMENT	N	1.8E+00	3.5E-02	3.7E+00	1.6E+01
		034		FUEL BURNING EQUIPMENT	N	1.3E-01	2.2E-01	9.0E-01	3.9E+00
		035		FUEL BURNING EQUIPMENT	N	1.3E-01	2.2E-01	9.0E-01	3.9E+00
	652	003		FUEL BURNING EQUIPMENT	N	1.8E+00	2.3E-02	3.6E+00	1.6E+01
	665	002		FUEL BURNING EQUIPMENT	N	4.7E+00	6.1E-02	9.4E+00	4.1E+01
	687	020		FUEL BURNING EQUIPMENT	N	8.4E-01	4.9E-03	1.7E+00	7.4E+00
	716	004		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.4E+00	6.1E+00
	****	****	**********						
			sum			3.4E+01	1.2E+01	6.9E+01	3.0E+02
	602	034	PARTICULATE	FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	3.5E-03	1.5E-02
	603	011		FUEL BURNING EQUIPMENT	N	8.4E-01	1.1E-02	1.4E+00	6.3E+00
		022		FUEL BURNING EQUIPMENT	N	1.7E-01	5.5E-01	9.7E-01	4.2E+00
		027		FUEL BURNING EQUIPMENT	N	3.4E-02	4.0E-01	2.8E-01	1.2E+00
		028		FUEL BURNING EQUIPMENT	N	.0E+00	4.0E-01	2.8E-01	1.2E+00
	604	022		CHEMICAL SOURCES	Y	5.2E-02	2.7E-02	1.1E-01	5.1E-01
		035		GRINDER FUMEHOOD	Y	.0E+00	.0E+00	1.0E+00	.0E+00
	606	005		SAWDUST PARTICULATE	Y	4.4E-01	1.8E-01	1.0E+00	4.4E+00
	607	021		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
		046		FUEL BURNING EQUIPMENT	N	4.7E-01	6.7E-03	4.7E-01	2.1E+00
	610	002		FUEL BURNING EQUIPMENT	N	3.7E-01	5.0E-03	6.9E-01	3.0E+00
	636	002		CHEMICAL SOURCES	Y	2.3E-02	9.8E-02	2.1E+00	9.0E+00
	641	022		FUEL BURNING EQUIPMENT	N	1.3E-01	2.5E-03	2.6E-01	1.1E+00
		034		FUEL BURNING EQUIPMENT	N	1.3E-02	2.3E-02	9.0E-02	3.9E-01
		035		FUEL BURNING EQUIPMENT	N	1.3E-02	2.3E-02	9.0E-02	3.9E-01
	652	003		FUEL BURNING EQUIPMENT	N	1.3E-01	1.7E-03	2.5E-01	1.1E+00
	665	002		FUEL BURNING EQUIPMENT	N	3.4E-01	4.4E-03	6.7E-01	2.9E+00
	687	020		FUEL BURNING EQUIPMENT	N	6.0E-02	3.5E-04	1.2E-01	5.3E-01
	716	004		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.4E-01	6.1E-01
	****	****	**********						
			sum			3.1E+00	1.7E+00	9.9E+00	3.9E+01

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	C A L C	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TAN	603	022	pB	FUEL BURNING EQUIPMENT	N	7.1E-05	2.3E-04	4.1E-04	1.8E-03
	603	027		FUEL BURNING EQUIPMENT	N	2.1E-05	2.5E-04	1.7E-04	7.6E-04
		028		FUEL BURNING EQUIPMENT	N	.0E+00	2.5E-04	1.8E-04	7.7E-04
		034		FUEL BURNING EQUIPMENT	N	8.3E-06	1.4E-05	5.6E-05	2.5E-04
		035		FUEL BURNING EQUIPMENT	N	8.3E-06	1.4E-05	5.6E-05	2.5E-04
	716	004		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	8.8E-05	3.8E-04
	****	****	**********						
			sum			1.1E-04	7.6E-04	9.6E-04	4.2E-03
	607	049	RADIONUCLIDE	RAD SOURCE ROOM EXHAUST	Y	.0E+00	.0E+00	.0E+00	.0E+00
		059		POTENTIAL RAD SOURCE	Y	.0E+00	.0E+00	.0E+00	.0E+00
		066		RAD SOURCE	Y	.0E+00	.0E+00	.0E+00	.0E+00
		136		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	640	001		CHEMICAL SOURCES	Y	.0E+00	.0E+00	.0E+00	.0E+00
	650	007		RAD PROCESS	Y	.0E+00	.0E+00	.0E+00	.0E+00
		010		RAD SOURCE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	666	001		RAD TANKS	Y	1.7E-11	2.0E-10	1.7E-11	2.0E-10
	726	001		RAD STORAGE	Y	.0E+00	.0E+00	.0E+00	.0E+00
	734	001		MAIN STACK	Y	5.0E-07	6.0E-06	5.3E-03	6.3E-02
	****	****	**********						
			sum			5.0E-07	6.0E-06	5.3E-03	6.3E-02
	602	034	SULFUR OXIDES	FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	7.2E-04	3.2E-03
	603	011		FUEL BURNING EQUIPMENT	N	7.8E-01	1.0E-02	1.3E+00	5.9E+00
		022		FUEL BURNING EQUIPMENT	N	4.6E+00	1.5E+01	2.6E+01	1.1E+02
		027		FUEL BURNING EQUIPMENT	N	1.2E+00	1.4E+01	9.9E+00	4.3E+01
		028		FUEL BURNING EQUIPMENT	N	.0E+00	1.4E+01	1.0E+01	4.4E+01
	607	021		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
		046		FUEL BURNING EQUIPMENT	N	4.4E-01	6.2E-03	4.4E-01	1.9E+00
	610	002		FUEL BURNING EQUIPMENT	N	3.4E-01	4.7E-03	6.4E-01	2.8E+00
	641	022		FUEL BURNING EQUIPMENT	N	1.2E-01	2.3E-03	2.4E-01	1.1E+00
		034		FUEL BURNING EQUIPMENT	N	4.8E-01	8.1E-01	3.2E+00	1.4E+01
		035		FUEL BURNING EQUIPMENT	N	4.8E-01	8.1E-01	3.2E+00	1.4E+01
	652	003		FUEL BURNING EQUIPMENT	N	1.2E-01	1.6E-03	2.4E-01	1.0E+00
	665	002		FUEL BURNING EQUIPMENT	N	3.1E-01	4.1E-03	6.2E-01	2.7E+00
	687	020		FUEL BURNING EQUIPMENT	N	5.6E-02	3.3E-04	1.1E-01	4.9E-01
	716	004		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	5.0E+00	2.2E+01
	****	****	**********						
			sum			8.9E+00	4.5E+01	6.1E+01	2.7E+02
	602	034	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	Y	.0E+00	.0E+00	3.8E-03	1.7E-02
	603	011		FUEL BURNING EQUIPMENT	N	1.1E+00	1.4E-02	1.9E+00	8.4E+00
		022		FUEL BURNING EQUIPMENT	N	4.8E-03	1.5E-02	2.7E-02	1.2E-01
		027		FUEL BURNING EQUIPMENT	N	5.8E-03	6.8E-02	4.7E-02	2.0E-01
		028		FUEL BURNING EQUIPMENT	N	.0E+00	6.8E-02	4.7E-02	2.1E-01
	604	029		CHEMICAL SOURCES	Y	1.0E-02	5.1E-03	1.0E-02	4.4E-02
		031		CHEMICAL SOURCES	Y	1.0E-02	5.1E-03	1.0E-02	4.4E-02
	607	021		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	.0E+00	.0E+00
		046		FUEL BURNING EQUIPMENT	N	6.2E-01	8.9E-03	6.2E-01	2.7E+00
		047		STORAGE TANK - VOC	N	6.2E-02	1.7E-02	6.2E-02	1.7E-02
	610	001		STORAGE TANK - VOC	N	3.4E-01	2.5E-03	3.4E-01	2.5E-03
		002		FUEL BURNING EQUIPMENT	N	4.9E-01	6.7E-03	9.1E-01	4.0E+00
	636	002		CHEMICAL SOURCES	Y	.0E+00	.0E+00	8.0E+00	3.5E+01
	641	022		FUEL BURNING EQUIPMENT	N	1.7E-01	3.3E-03	3.5E-01	1.5E+00
		034		FUEL BURNING EQUIPMENT	N	2.2E-03	3.8E-03	1.5E-02	6.7E-02

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TAN	641	035	VOC-NONMETHANE	FUEL BURNING EQUIPMENT	N	2.2E-03	3.8E-03	1.5E-02	6.7E-02
	652	002		STORAGE TANK - VOC	N	.0E+00	.0E+00	.0E+00	.0E+00
		003		FUEL BURNING EQUIPMENT	N	1.7E-01	2.2E-03	3.4E-01	1.5E+00
	665	001		STORAGE TANK - VOC	N	3.4E-01	8.2E-03	3.4E-01	8.2E-03
		002		FUEL BURNING EQUIPMENT	N	4.5E-01	5.8E-03	8.9E-01	3.9E+00
	687	008		STORAGE TANK - VOC	Y	3.4E-01	5.2E-05	3.4E-01	4.9E-03
		020		FUEL BURNING EQUIPMENT	N	8.0E-02	4.7E-04	1.6E-01	7.0E-01
	701	001		CHEMICAL SOURCES	Y		1.5E+00		1.5E+00
	702	001		STORAGE TANK - VOC	N	3.3E-01	1.2E+00	3.3E-01	1.2E+00
		002		STORAGE TANK - VOC	N	8.3E-02	3.6E-01	8.3E-02	3.6E-01
	704	001		STORAGE TANK - VOC	N	7.0E-01	2.8E+00	7.0E-01	2.8E+00
	716	004		FUEL BURNING EQUIPMENT	N	.0E+00	.0E+00	1.4E-02	6.1E-02
	724	001		STORAGE TANK - VOC	N	2.2E-01	9.6E-01	2.2E-01	9.6E-01
		002		STORAGE TANK - VOC	N	1.1E+00	4.7E+00	1.1E+00	4.7E+00
	738	001		STORAGE TANK - VOC	N	3.2E-24	1.4E-23	3.2E-24	1.4E-23
	753	001		STORAGE TANK - VOC	N	5.0E-23	2.2E-22	5.0E-23	2.2E-22
	759	001		STORAGE TANK - VOC	N	1.3E-01	3.5E-03	1.3E-01	3.5E-03
	766	001		STORAGE TANK - VOC	N	3.4E-23	1.5E-22	3.4E-23	1.5E-22
		002		STORAGE TANK - VOC	Y	.0E+00	.0E+00	.0E+00	.0E+00
	767A	001		STORAGE TANK - VOC	N	4.9E-01	1.9E+00	4.9E-01	1.9E+00
	767B	001		STORAGE TANK - VOC	N	4.9E-01	1.9E+00	4.9E-01	1.9E+00
	783	001		STORAGE TANK - VOC	N	3.2E+01	3.1E-01	3.2E+01	3.1E-01
	787	001		STORAGE TANK - VOC	N	3.2E-24	1.4E-23	3.2E-24	1.4E-23
	792	001		STORAGE TANK - VOC	N	1.1E-01	2.2E-01	1.1E-01	2.2E-01
	794	001		STORAGE TANK - VOC	N	6.1E-02	1.5E-02	6.1E-02	1.5E-02
	797	001		STORAGE TANK - VOC	N	6.1E-02	1.5E-02	6.1E-02	1.5E-02
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			sum			4.0E+01	1.6E+01	5.1E+01	7.5E+01

TAN-SMC

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TAN	675	010	CARBON MONOXIDE	FUEL BURNING EQUIPMENT	N	5.0E-01	2.2E-02	3.2E+00	1.4E+01
		035		FUEL BURNING EQUIPMENT	N	4.2E-01	7.2E-01	8.4E-01	3.7E+00
		037		FUEL BURNING EQUIPMENT	N	3.6E-01	2.6E-01	8.4E-01	3.7E+00
	679	012		FUEL BURNING EQUIPMENT	N	5.4E-01	2.0E-02	3.8E+00	1.7E+01
		067		FUEL BURNING EQUIPMENT	N	3.8E-01	4.9E-01	8.4E-01	3.7E+00
		068		FUEL BURNING EQUIPMENT	N	2.9E-01	5.6E-01	8.4E-01	3.7E+00
	681	023		FUEL BURNING EQUIPMENT	Y	3.0E-01	2.4E-03	4.5E-03	2.0E-02
	****	****	**********						
			sum			2.8E+00	2.1E+00	1.0E+01	4.5E+01
	607	119	NITROGEN OXIDES	CHEMICAL SOURCES	Y	1.0E-01	1.1E-01	1.0E-01	1.1E-01
	675	010		FUEL BURNING EQUIPMENT	N	2.3E+00	1.0E-01	1.4E+01	6.3E+01
		035		FUEL BURNING EQUIPMENT	N	1.7E+00	2.9E+00	3.3E+00	1.5E+01
		037		FUEL BURNING EQUIPMENT	N	1.4E+00	1.0E+00	3.3E+00	1.5E+01
	679	012		FUEL BURNING EQUIPMENT	N	2.5E+00	9.3E-02	1.7E+01	7.6E+01
		067		FUEL BURNING EQUIPMENT	N	1.5E+00	2.0E+00	3.3E+00	1.5E+01
		068		FUEL BURNING EQUIPMENT	N	1.2E+00	2.2E+00	3.3E+00	1.5E+01
	681	012		CHEMICAL SOURCES	Y	5.3E-01	1.5E-01	.0E+00	1.0E+01
		023		FUEL BURNING EQUIPMENT	Y	9.1E-02	7.3E-04	2.2E-02	9.6E-02
	****	****	**********						
			sum			1.1E+01	8.6E+00	4.5E+01	2.1E+02
	607	039	PARTICULATE	CHEMICAL SOURCES	Y	3.1E-05	7.9E-08	8.0E-03	6.3E-03
		041		CHEMICAL SOURCES	Y	6.9E-05	4.2E-04	5.6E-03	5.9E-03
	629	002		CHEMICAL SOURCES	Y	8.4E-03	7.8E-05	1.4E-01	6.7E-03
		012		MANUFACTURING PROCESS	Y	1.8E-04	1.6E-05	5.0E-01	2.5E-01
		014		MANUFACTURING PROCESS	Y	1.8E-04	1.2E-05	5.0E-01	2.5E-01
	675	010		FUEL BURNING EQUIPMENT	N	1.6E-01	7.2E-03	1.0E+00	4.5E+00
		035		FUEL BURNING EQUIPMENT	N	1.7E-01	2.9E-01	3.4E-01	1.5E+00
	675	037		FUEL BURNING EQUIPMENT	N	1.4E-01	1.0E-01	3.4E-01	1.5E+00
	679	012		FUEL BURNING EQUIPMENT	N	1.8E-01	6.6E-03	1.2E+00	5.4E+00
		067		FUEL BURNING EQUIPMENT	N	1.5E-01	2.0E-01	3.4E-01	1.5E+00
		068		FUEL BURNING EQUIPMENT	N	1.2E-01	2.2E-01	3.4E-01	1.5E+00
	681	023		FUEL BURNING EQUIPMENT	Y	2.1E-01	1.7E-03	5.6E-02	2.5E-01
	****	****	**********						
			sum			1.1E+00	8.3E-01	4.8E+00	1.7E+01
	675	035	PB	FUEL BURNING EQUIPMENT	N	1.1E-04	1.8E-04	2.1E-04	9.2E-04
		037		FUEL BURNING EQUIPMENT	N	9.0E-05	6.6E-05	2.1E-04	9.2E-04
	679	067		FUEL BURNING EQUIPMENT	N	9.5E-05	1.2E-04	2.1E-04	9.2E-04
		068		FUEL BURNING EQUIPMENT	N	7.4E-05	1.4E-04	2.1E-04	9.2E-04
	****	****	**********						
			sum			3.6E-04	5.1E-04	8.4E-04	3.7E-03
	607	039	RADIONUCLIDE	CHEMICAL SOURCES	Y	4.7E-07	5.7E-06	1.2E-03	1.5E-02
		119		CHEMICAL SOURCES	Y	1.7E-03	1.7E-03	5.5E-04	4.0E-03
	629	012		MANUFACTURING PROCESS	Y	5.0E-08	6.0E-07	1.4E-04	1.7E-03
		013		CHEMICAL SOURCES	Y	3.6E-07	4.3E-06	1.3E-03	1.6E-02
		014		MANUFACTURING PROCESS	Y	5.6E-08	6.5E-07	1.4E-04	1.7E-03
	679	022		CHEMICAL SOURCES	Y	7.0E-08	8.4E-07	5.2E-04	6.3E-03
		023		CHEMICAL SOURCES	Y	9.8E-08	1.1E-06	3.8E-04	4.5E-03
		024		CHEMICAL SOURCES	Y	7.4E-08	8.9E-07	3.4E-04	4.2E-03
		025		MANUFACTURING PROCESS	Y	1.0E-07	1.2E-06	3.5E-04	4.2E-03
		026		MANUFACTURING PROCESS	Y	9.2E-08	1.1E-06	4.3E-04	5.2E-03
		027		MANUFACTURING PROCESS	Y	9.2E-08	1.1E-06	4.3E-04	5.2E-03
	681	012		CHEMICAL SOURCES	Y	2.2E-07	2.6E-06	8.4E-05	1.0E-03
		018		MANUFACTURING PROCESS	Y	1.2E-07	1.4E-06	5.5E-05	6.6E-04
		020		MANUFACTURING PROCESS	Y	6.8E-08	8.1E-07	4.3E-04	5.2E-03
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			sum			1.7E-03	1.8E-03	6.4E-03	7.4E-02

TAN-SMC

AREA	BLDG	VENT	POLLUTANT	SOURCE TYPE	CALC	ACTUAL HOURLY LBS/HR or CI/MO	ACTUAL YEARLY TNS/YR or CI/YR	MAX. HOURLY LBS/HR or CI/MO	MAX. YEARLY TNS/YR or CI/YR
TAN	675	010	SULFUR OXIDES	FUEL BURNING EQUIPMENT	N	1.5E-01	6.7E-03	9.6E-01	4.2E+00
		035		FUEL BURNING EQUIPMENT	N	6.0E+00	1.0E+01	1.2E+01	5.3E+01
		037		FUEL BURNING EQUIPMENT	N	5.2E+00	3.8E+00	1.2E+01	5.3E+01
	679	012		FUEL BURNING EQUIPMENT	N	1.7E-01	6.2E-03	1.2E+00	5.1E+00
		067		FUEL BURNING EQUIPMENT	N	5.5E+00	7.1E+00	1.2E+01	5.3E+01
		068		FUEL BURNING EQUIPMENT	N	4.2E+00	8.0E+00	1.2E+01	5.3E+01
	681	023		FUEL BURNING EQUIPMENT	Y	7.6E-02	6.1E-04	2.3E-04	1.0E-03
	****	****	**********						
			sum			2.1E+01	2.9E+01	5.0E+01	2.2E+02
	607	039	VOC-NONMETHANE	CHEMICAL SOURCES	Y	3.9E-02	1.0E-04	5.0E-02	6.0E-03
		119		CHEMICAL SOURCES	Y	5.1E-03	5.1E-03	8.2E-02	3.3E-01
	629	002		CHEMICAL SOURCES	Y	4.5E-02	4.2E-04	5.2E-02	1.6E-03
		012		MANUFACTURING PROCESS	Y	1.1E+00	1.1E-01	4.0E+00	2.1E+00
		014		MANUFACTURING PROCESS	Y	1.1E+00	1.1E-01	4.0E+00	2.1E+00
	675	010		FUEL BURNING EQUIPMENT	N	2.2E-01	9.6E-03	1.4E+00	6.0E+00
		011		STORAGE TANK - VOC	N	9.3E-02	1.5E-01	9.3E-02	1.5E-01
		012		STORAGE TANK - VOC	N	3.6E-02	1.7E-03	3.6E-02	1.7E-03
		013		STORAGE TANK - VOC	N	3.7E-02	9.0E-03	3.7E-02	9.0E-03
		021		STORAGE TANK - VOC	N	1.9E-01	5.6E-01	1.9E-01	5.6E-01
		024		STORAGE TANK - VOC	N	3.9E-01	1.5E+00	3.9E-01	1.5E+00
		035		FUEL BURNING EQUIPMENT	N	1.7E-02	2.9E-02	3.4E-02	1.5E-01
		037		FUEL BURNING EQUIPMENT	N	1.4E-02	1.0E-02	3.4E-02	1.5E-01
	679	012		FUEL BURNING EQUIPMENT	N	2.4E-01	8.8E-03	1.6E+00	7.2E+00
		013		STORAGE TANK - VOC	N	1.2E-01	2.7E-01	1.2E-01	2.7E-01
		067		FUEL BURNING EQUIPMENT	N	1.5E-02	2.0E-02	3.4E-02	1.5E-01
		068		FUEL BURNING EQUIPMENT	N	1.2E-02	2.2E-02	3.4E-02	1.5E-01
		069		STORAGE TANK - VOC	N	9.0E-03	2.3E-02	9.0E-03	2.3E-02
		084		STORAGE TANK - VOC	N	3.7E-02	6.8E-03	3.7E-02	6.8E-03
	681	004		STORAGE TANK - VOC	N	3.9E-01	1.5E+00	3.9E-01	1.5E+00
		023		FUEL BURNING EQUIPMENT	Y	9.1E-02	7.3E-04	1.2E-03	5.3E-03
	****	****	**********						
			sum			4.3E+00	4.3E+00	1.3E+01	2.2E+01

Appendix C

Supporting Data for the 1993 Air Emission Inventory for the INEL

Appendix C

Supporting Data for the 1993 Air Emission Inventory for the INEL

This appendix presents the data collected for the current update of the Air Emission Inventory System and describes each report form in detail. All the forms list the area, building, and stack number. The following presents the information as titled on each form.

C.1 AIR EMISSION INVENTORY PROCESS PARAMETERS

This form contains the operating schedule for the process associated with the stack emissions.

Column 1. Hr/Day - the number of hours in a day the equipment or process operates.

Column 2. Days/Week - the number of days in a week the equipment or process operates.

Column 3. Weeks/Year - the number of weeks in a year the equipment or process operates.

Column 4. Status - status of source (active, inactive, D&D).

C.2 AIR EMISSION INVENTORY STACK PARAMETERS

This form lists of all the stack parameters currently recorded for each stack.

Column 1. Exit Temp (°F) - the exit temperature of the emissions from the vent in degrees Fahrenheit.

Column 2. Temp Type - the character field for the temperature which describes it as either ambient or room temperature.

Column 3. Flow Rate - the flow rate of the emissions from the stack in cubic feet per minute.

Column 4. Velocity - the velocity of the emissions from the stack in feet per minute.

Column 5. Hgt grnd - the height of the stack from the ground in feet.

Column 6. Elev - the elevation of the stack from sea level in feet.

Column 7. Dia or Length - the diameter of a round stack or the length of a stack for rectangular stacks in inches.

Column 8. Width - the width of a stack for rectangular stacks in inches.

Column 9. UTM Northing - the universal transverse mercator (UTM) northing coordinate in meters.

Column 10. UTM Easting - the UTM easting coordinate in meters.

C.3 AIR EMISSION INVENTORY FUEL BURNING EQUIPMENT PART I

This form lists information about the fuel burning equipment currently emitting emissions at the site.

Column 1. E - The type of fuel burning equipment: B - Boiler, F - Furnace, H - Heater, L - Large Engine, P - Propane Burner, or S -Small Engine.

Column 2. Primary Normal per Hour - the normal hourly fuel through put for the primary fuel type for this piece of equipment in gallons per hour.

Column 3. Primary Normal per Year - the normal yearly fuel through put for the primary fuel type for this piece of equipment in gallons per year.

Column 4. Primary Max per Hour - the maximum hourly fuel through put for the primary fuel type for this piece of equipment in gallons per hour.

Column 5. Primary Fuel - the primary fuel type burned in this equipment. See the list of fuel types in Table C-1.

Column 6. Second Normal per Hour - the normal hourly fuel through put for the secondary fuel type for this piece of equipment in gallons per hour.

Column 7. Second Normal per Year - the normal yearly fuel through put for the secondary fuel type for this piece of equipment in gallons per year.

Column 8. Second Max per Hour - the maximum hourly fuel through put for the secondary fuel type for this piece of equipment in gallons per hour.

Column 9. Secondary Fuel - the secondary fuel type burned in this equipment.

Table C-1. Fuel types and grades for primary and secondary fuels.

Fuel type	Grade	Fuel type	Grade
Diesel	1	Diesel	2
Fuel oil	1	Fuel oil	2
Fuel oil	4	Fuel oil	5
Fuel oil	6		
Propane	A	Propane	B
Propane	C	Propane	D
Propane	E		
Butane	A	Butane	B
Butane	C	Butane	D
Butane	E		
Gasoline	7	Gasoline	10
Gasoline	13	Natural gas	0
Gasohol	0	JP-4	0

C.4 AIR EMISSION INVENTORY FUEL BURNING EQUIPMENT PART II

This form is part two of the information about fuel burning equipment.

Column 1. E - The type of fuel burning equipment: B - Boiler, F - Furnace, H - Heater, L - Large Engine, P - Propane Burner, or S -Small Engine.

Column 2. Rated Heat - the rated heat value for a boiler.

Column 3. Class - the class of boiler, furnace or heater.

Column 4. Large Engine Horse Power - the horsepower for large engines.

Column 5. Small Engine Horse Power - the horsepower for small engines.

C.5 AIR EMISSION INVENTORY ORGANIC STORAGE TANKS - PART I

This form contains information about the organic storage tanks.

Column 1. Annual Thru Put - the annual material through put for the tank in gallons per year.

Column 2. Ave. % Full - the average percent full of the tank.

Column 3. Fill Rate - the fill rate for the tank during refilling process in gallons per minute.

Column 4. Vapor Space Height - the vapor space height of the tank in feet.

Column 5. Capacity - the capacity of the tank in gallons.

Column 6. Tank Dia - the tank diameter in feet.

Column 7. Tank Length - the length of the tank in feet.

Column 8. Tank Type - the type of tank. (fixed roof, floating roof, variable vapor space, or pressure tank)

Column 9. Material Stored - the material stored in the tank.

Column 10. Tank Location - the location of the tank, either inside or outside of a building.

C.6 AIR EMISSION INVENTORY ORGANIC STORAGE TANKS - PART II

This form contains information about the organic storage tanks.

Column 1. Air Flow Rate - the air flow rate through the tank in cubic feet per minute.

Column 2. J - (Y/N) is there an inert gas jacket around the tank.

Column 3. Vapor Recovery Method - the vapor recovery method used for the tank.

Column 4. % Recover Eff - the efficiency of the recovery method stated above.

Column 5. Tank Location - the location of the tank, either under ground or above ground.

Column 6. Orient - the orientation of the tank, horizontal or vertical.

Column 7. Roof Color - the color of the roof.

Column 8. Roof Cond - the condition of the paint on the roof.

Column 9. Shell Color - the color of the shell. See Table C-2 for a preferred list of colors.

Column 10. Shell Cond - the condition of the paint on the shell.

C.7 AIR EMISSION INVENTORY INORGANIC STORAGE TANKS - PART I

This form contains information about the inorganic storage tanks.

Column 1. Annual Thru Put - the annual material through put for the tank in gallons per year.

Column 2. Ave. % Full - the average percent full of the tank.

Column 3. Fill Rate - the fill rate for the tank during refilling process in gallons per minute.

Column 4. Vapor Space Height - the vapor space height of the tank in feet.

Column 5. Capacity - the capacity of the tank in gallons.

Column 6. Tank Dia - the tank diameter in feet.

Column 7. Tank Length - the length of the tank in feet.

Column 8. Tank Type - the type of tank. (fixed roof, floating roof, variable vapor space, or pressure tank)

Column 9. Material Stored - the material stored in the tank.

Column 10. Tank Location - the location of the tank, either inside or outside of a building.

Table C-2. Preferred conditions and colors for tanks.

Preferred Colors:			
	White	Shiny silver	Flat silver
	Light grey	Medium grey	Silver, dull
	Grey	Aluminum, specular	Aluminum, diffuse
Preferred Conditions:	Good	Poor	

C.8 AIR EMISSION INVENTORY INORGANIC STORAGE TANKS - PART II

This form contains information about the inorganic storage tanks.

Column 1. Air Flow Rate - the air flow rate through the tank in cubic feet per minute.

Column 2. J - (Y/N) is there an inert gas jacket around the tank.

Column 3. Vapor Recovery Method - the vapor recovery method used for the tank.

Column 4. % Recover Eff - the efficiency of the recovery method stated above.

Column 5. Tank Location - the location of the tank, either under ground or above ground.

Column 6. Orient - the orientation of the tank, horizontal or vertical.

Column 7. Roof Color - the color of the roof.

Column 8. Roof Cond - the condition of the paint on the roof.

Column 9. Shell Color - the color of the shell.

Column 10. Shell Cond - the condition of the paint on the shell. See Table 2 for a preferred list of colors.

C.9 AIR EMISSION INVENTORY PROCESS CONTROL EQUIPMENT

This form lists the emissions control equipment for a source.

C-10 AIR EMISSION INVENTORY MONITORING EQUIPMENT

This form lists the monitoring equipment for a source.

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
ANL	701	009	FUEL BURNING EQUIPMENT	.30	1.00	52.00	ACTIVE
		012	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		020	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	704	008	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		015	FUEL BURNING EQUIPMENT	1.00	1.00	26.00	ACTIVE
	707	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	709	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	.84	1.00	16.00	ACTIVE
		009	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	.94	1.00	16.00	ACTIVE
	720	007	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	.48	1.00	52.00	ACTIVE
		018	FUEL BURNING EQUIPMENT	.48	1.00	52.00	ACTIVE
		021	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		022	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		025	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		027	SUSPECT WASTE TANK	24.00	7.00	52.00	ACTIVE
	721	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
	742	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	752	004	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		005	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		098	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	752A	001	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	753	006	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		024	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		029	CHEMICAL SOURCES	4.00	5.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
ANL	754	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	755A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	755B	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	757	001	COOLING TOWER	24.00	7.00	26.00	ACTIVE
	757A	002	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	759	009	CHEMICAL SOURCES			1.00	ACTIVE
	764	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	765	022	FUEL BURNING EQUIPMENT	.25	1.00	45.00	ACTIVE
		073	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	766	056	CHEMICAL SOURCES	24.00	7.00	3.00	ACTIVE
		057	CHEMICAL SOURCES	24.00	7.00	3.00	ACTIVE
	768	003	FUEL BURNING EQUIPMENT	.33	1.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		022	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		024	FUEL BURNING EQUIPMENT	4.00	7.00	52.00	ACTIVE
		027	FUEL BURNING EQUIPMENT	4.00	7.00	52.00	ACTIVE
		028	FUEL BURNING EQUIPMENT	.10	1.00	52.00	ACTIVE
		034	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		051	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		095	CHEMICAL SOURCES	2.00	2.00	52.00	ACTIVE
		096	CHEMICAL SOURCES	2.00	2.00	52.00	ACTIVE
		097	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		105	SUSPECT WATER WASTE (RAD)	24.00	7.00	52.00	ACTIVE
		108	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
		133	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		134	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	768B	121	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
		130	CHEMICAL SOURCES	.00	.00	.00	INACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
ANL	772	022	CHEMICAL SOURCES	1.00	1.00	52.00	ACTIVE
	774	001	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	REACTOR ROOM VENTILATION	24.00	7.00	52.00	ACTIVE
		025	REACTOR COOLING AIR	.00	.00	.00	INACTIVE
	776	001	REACTOR VESSEL	.00	.00	.00	INACTIVE
	777	002	REACTOR COOLING AIR EXH.	24.00	7.00	52.00	ACTIVE
	782	001	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		028	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
	784	010	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
	785	009	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		011	ROOM EXHAUST	.00	.00	.00	ACTIVE
		014	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	.21	1.00	52.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	.24	1.00	52.00	ACTIVE
		018	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	787	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	788	013	CHEMICAL SOURCES	1.00	1.00	52.00	ACTIVE
		014	CHEMICAL SOURCES	1.00	1.00	52.00	ACTIVE
	789	001	CHEMICAL SOURCES	1.00	1.00	2.00	ACTIVE
	789A	007	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
	793	001	CHEMICAL SOURCES	8.00	5.00	20.00	ACTIVE
		011	STORAGE TANK - VOC	24.00	3.00	1.00	ACTIVE
		012	STORAGE TANK - VOC	8.00	5.00	5.00	ACTIVE
		013	STORAGE TANK - VOC	8.00	5.00	5.00	ACTIVE
		014	STORAGE TANK - VOC	8.00	3.00	2.00	ACTIVE
		015	STORAGE TANK - VOC	8.00	3.00	2.00	ACTIVE
	793A	025	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		026	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		027	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
ANL	793A	028	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		029	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		030	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		031	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		032	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		033	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		034	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		035	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		036	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	793B	019	STORAGE TANK - VOC	.00	.00	.00	ACTIVE
		020	STORAGE TANK - VOC	.00	.00	.00	ACTIVE
	794	006	STORAGE FACILITY	.00	.00	.00	INACTIVE
	798	007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	.30	1.00	52.00	ACTIVE
		017	CHEMICAL SOURCES	.30	7.00	52.00	ACTIVE
	799	003	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		010	CHEMICAL SOURCES	.00	.00	.00	INACTIVE

Update Survey for AIR EMISSIONS INVENTORY PROCESS PARAMETERS - 1993 Page: 5

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
ARA	IV	001	CHEMICAL SOURCES	1.00	2.00	12.00	ACTIVE
		002	CHEMICAL SOURCES	23.00	1.00	1.00	ACTIVE

Update Survey for AIR EMISSIONS INVENTORY PROCESS PARAMETERS - 1993 Page: 6

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
B08	601	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	1.00	1.00	26.00	ACTIVE

Update Survey for AIR EMISSIONS INVENTORY PROCESS PARAMETERS - 1993 Page: 7

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
B16	601	007	FUEL BURNING EQUIPMENT	4.00	7.00	30.00	ACTIVE
		008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	703	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	708	001	EVAPORATION POND	24.00	7.00	52.00	ACTIVE

Update Survey for AIR EMISSIONS INVENTORY PROCESS PARAMETERS - 1993 Page: 8

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
B21	608	008	CHEMICAL SOURCES	12.00	7.00	52.00	ACTIVE
		012	FIRING RANGE	24.00	7.00	52.00	ACTIVE

Update Survey for AIR EMISSIONS INVENTORY PROCESS PARAMETERS - 1993 Page: 9

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
B23	602	002	STORAGE TANK - VOC	1.00	1.00	26.00	ACTIVE

Update Survey for AIR EMISSIONS INVENTORY PROCESS PARAMETERS - 1993 Page: 10

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
B27	601	001	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	100	001	AREA SOURCE	6.00	5.00	52.00	ACTIVE
	101	001	FUGITIVE DUST SOURCE	24.00	7.00	52.00	ACTIVE
	102	001	LANDFILL	24.00	7.00	52.00	ACTIVE
	103	001	LANDFILL	24.00	7.00	52.00	ACTIVE
	602	016	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	604	001	FUEL BURNING EQUIPMENT	.50	1.00	12.00	ACTIVE
	607	004	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	608	001	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	609	001	FUEL BURNING EQUIPMENT	.50	1.00	12.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		017	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		018	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	612	007	AA BURNS ACETYLENE	2.00	1.00	52.00	ACTIVE
		008	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
		010	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
		012	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
	613	003	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	617	010	LAUNDRY DRYER	8.00	5.00	52.00	ACTIVE
		011	LAUNDRY DRYER	8.00	5.00	52.00	ACTIVE
		024	FUEL BURNING EQUIPMENT	8.00	7.00	25.00	ACTIVE
		026	RAD DECON HOOD	.50	5.00	52.00	ACTIVE
		030	RESP DRYING OVEN #1	2.00	5.00	52.00	ACTIVE
		031	RESP DRYING OVEN #2	2.00	5.00	52.00	ACTIVE
		033	RAD DECON HOODS	2.00	5.00	52.00	ACTIVE
		034	RAD DECON HOODS	2.00	5.00	52.00	ACTIVE
	622	006	ZERO EMISSION FUMEHOOD	8.00	5.00	52.00	ACTIVE
		009	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		015	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		019	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		020	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	622	021	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
	623	005	CHEMICAL SOURCES	4.00	5.00	52.00	D&D
		007	CHEMICAL SOURCES	3.00	5.00	52.00	ACTIVE
		017	CHEMICAL SOURCES	4.00	5.00	52.00	ACTIVE
	624	009	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
	625	009	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		010	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
	633	001	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		003	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		008	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		009	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		011	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		015	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		020	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		021	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		028	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		040	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		067	RAD SOURCE	.50	1.50	52.00	ACTIVE
		091	FUEL BURNING EQUIPMENT	1.00	1.00	50.00	ACTIVE
	650	007	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	662	011	FUEL BURNING EQUIPMENT	24.00	7.00	20.00	ACTIVE
		027	FUEL BURNING EQUIPMENT	24.00	7.00	48.00	ACTIVE
	664	034	FUEL BURNING EQUIPMENT	4.00	5.00	52.00	ACTIVE
		035	FUEL BURNING EQUIPMENT	4.00	5.00	52.00	ACTIVE
	665	028	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
		029	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		030	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
		050	CHEMICAL SOURCES	6.00	5.00	52.00	ACTIVE
	668	001	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
		006	FUEL BURNING EQUIPMENT	.50	.25	52.00	ACTIVE
		010	STORAGE TANK - VOC	.00	.00	.00	INACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	668	023	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
	671	007	FUEL BURNING EQUIPMENT	12.00	7.00	39.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	12.00	7.00	36.00	ACTIVE
	674	044	CHEMICAL SOURCES	2.00	3.00	52.00	ACTIVE
	675	002	FUEL BURNING EQUIPMENT	.50	1.00	12.00	ACTIVE
	679	007	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	682	002	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	684	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	688	002	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		043	FUEL BURNING EQUIPMENT	24.00	7.00	39.00	ACTIVE
		044	FUEL BURNING EQUIPMENT	12.00	7.00	39.00	ACTIVE
		047	FUEL BURNING EQUIPMENT	.50	1.00	12.00	ACTIVE
		048	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	689	030	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		034	CHEMICAL SOURCES	4.00	5.00	52.00	ACTIVE
	690	001	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		002	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		003	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		004	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		005	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		006	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		007	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		008	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		009	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		010	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		015	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
		042	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		047	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		048	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		049	CHEMICAL SOURCES	.00	.00	.00	INACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CFA	690	059	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
	698	007	CHEMICAL SOURCES	2.00	1.00	1.00	ACTIVE
		013	CHEMICAL SOURCES	8.00	2.00	52.00	ACTIVE
	708	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	713	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	721	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	729	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	730	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	731	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	732	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	734	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	735	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	738	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	739	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	741	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	748	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	749	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	751	004	FUEL BURNING EQUIPMENT	4.00	7.00	39.00	ACTIVE
	754	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	757	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	759	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	012	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	025	001	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE
	1605	004	CHEMICAL SOURCES	2.00	1.00	52.00	ACTIVE
		018	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
	1608	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	1611	001	CHEMICAL SOURCES	24.00	7.00	26.00	ACTIVE
	1612	001	CHEMICAL SOURCES	24.00	7.00	26.00	ACTIVE
	1617	001	RADIOLOGICAL	24.00	7.00	52.00	ACTIVE
	1619	001	RADIONUCLIDES	24.00	7.00	52.00	ACTIVE
		004	HAZARD WASTE ACCUMULATION	24.00	7.00	52.00	ACTIVE
		005	RADIOACTIVITY	.00	.00	.00	ACTIVE
		006	RADIOACTIVE/CHEMICAL	.00	.00	.00	ACTIVE
	1642	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	10.00	1.00	52.00	ACTIVE
	1643	003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	10.00	1.00	52.00	ACTIVE
	1646	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	1749	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	23.00	1.00	52.00	ACTIVE
	601	002	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		008	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		009	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		010	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		011	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		013	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		014	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		016	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		024	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	602	012	RADIOLOGICAL	8.00	5.00	52.00	ACTIVE
		014	RADIOLOGICAL	8.00	5.00	52.00	ACTIVE
		031	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	603	001	GRAPHITE FUEL STORAGE	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	1.00	7.00	52.00	ACTIVE
	604	011	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	606	004	FUEL BURNING EQUIPMENT	24.00	7.00	44.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	24.00	7.00	44.00	ACTIVE
		013	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		019	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		038	CHEMICAL SOURCES	2.50	1.00	16.00	ACTIVE
	614	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	10.00	1.00	30.00	ACTIVE
	615	005	AREA SOURCE	24.00	7.00	52.00	ACTIVE
	616	004	FUEL BURNING EQUIPMENT	10.00	1.00	30.00	ACTIVE
		007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	620	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	PILOT PLANT	8.00	5.00	24.00	ACTIVE
		005	PILOT PLANT	24.00	7.00	52.00	ACTIVE
		006	PILOT PLANT	8.00	5.00	52.00	ACTIVE
		009	BUILDING EXHAUST	24.00	7.00	52.00	ACTIVE
	621	003	CHEMICAL SOURCES	1.00	1.00	33.00	ACTIVE
	627	007	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		008	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		010	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		013	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		016	RADIONUCLIDES	24.00	7.00	52.00	ACTIVE
	630	011	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		012	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	633	021	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	637	010	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		021	WORKBENCH EXHAUST	16.00	5.00	52.00	ACTIVE
		032	PILOT PLANT	8.00	5.00	24.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	637	034	PILOT PLANT	24.00	7.00	52.00	ACTIVE
		035	BUILDING EXHAUST	24.00	7.00	52.00	ACTIVE
		036	PILOT PLANT	24.00	7.00	52.00	ACTIVE
		037	PILOT PLANT	8.00	5.00	8.00	ACTIVE
		042	PILOT PLANT	8.00	5.00	20.00	ACTIVE
		044	PILOT PLANT	8.00	5.00	24.00	ACTIVE
		045	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		061	PILOT PLANT	24.00	7.00	29.00	ACTIVE
	640	001	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		002	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		003	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		004	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		005	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		006	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		007	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
		008	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		023	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		024	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	644	002	FUEL BURNING EQUIPMENT	20.00	1.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	10.40	7.00	1.00	ACTIVE
		006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		013	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	648	002	RADIOACTIVE STORAGE	24.00	7.00	52.00	ACTIVE
	654	007	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		009	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		010	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		011	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		012	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	655	018	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	655	019	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		026	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		028	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		030	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		031	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	659	006	FUEL BURNING EQUIPMENT	2.00	1.00	12.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	1.00	1.00	10.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	2.00	1.00	12.00	ACTIVE
		010	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		011	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		025	CHEMICAL SOURCES	6.00	6.00	52.00	ACTIVE
		033	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		035	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	662	003	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		004	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
	663	002	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		045	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		048	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		054	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		055	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		063	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		065	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
	665	001	CHEMICAL SOURCES	4.00	5.00	52.00	ACTIVE
		002	CHEMICAL SOURCES	4.00	5.00	52.00	ACTIVE
		010	AMMONIA BLEED LINE	.00	.00	.00	ACTIVE
	666	003	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		004	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		039	EMERGENCY STACK BYPASS	.00	.00	.00	ACTIVE
		048	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	679	002	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	684	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		002	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	687	010	COAL BIN FILTERED VENT	24.00	7.00	52.00	ACTIVE
		011	COAL BIN FILTERED VENT	24.00	7.00	52.00	ACTIVE
		026	FUEL BURNING EQUIPMENT	20.00	1.00	52.00	ACTIVE
		033	FILTERED LIMESTONE BIN	24.00	7.00	52.00	ACTIVE
		034	FILTERED LIMESTONE BIN	24.00	7.00	52.00	ACTIVE
		044	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		049	FUEL BURNING EQUIPMENT	.25	1.00	52.00	ACTIVE
	694	007	RADIOACTIVITY/VOC	24.00	7.00	52.00	ACTIVE
		008	RADIOACTIVITY/VOC	24.00	7.00	52.00	ACTIVE
		009	ROOM EXHAUST	24.00	7.00	52.00	ACTIVE
		010	RADIOACTIVITY/VOC	24.00	7.00	52.00	ACTIVE
	698	004	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		006	CHEMICAL SOURCES	16.00	5.00	52.00	ACTIVE
		009	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		010	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
		018	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
	701A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	701B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	702A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	702B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	703	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	708	001	MAIN STACK	24.00	7.00	52.00	ACTIVE
	716	003	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	719A	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	719B	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	720A	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	720B	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	720C	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	727	002	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		003	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	732	001	RADIONUCLIDE	24.00	7.00	52.00	ACTIVE
	742	001	RADIONUCLIDE	24.00	7.00	52.00	ACTIVE
	746	001	RADIONUCLIDE	24.00	7.00	52.00	ACTIVE
	749	001	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
		005	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	757	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	760	002	RAD	24.00	7.00	52.00	ACTIVE
	764	002	RADIONUCLIDE	8.00	7.00	52.00	ACTIVE
	765	003	CALCINE STORAGE BIN	24.00	7.00	52.00	ACTIVE
	767	001	MAIN STACK	24.00	7.00	52.00	ACTIVE
	775	005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	787	001	FUEL BURNING EQUIPMENT	24.00	7.00	52.00	ACTIVE
	791	004	RAD	24.00	7.00	52.00	ACTIVE
		005	RAD	24.00	7.00	52.00	ACTIVE
		006	RAD	24.00	7.00	52.00	ACTIVE
	792	001	ASH SILO FILTERED EXHAUST	24.00	7.00	52.00	ACTIVE
		002	CHEMICAL SOURCES	2.00	7.00	52.00	ACTIVE
		003	CHEMICAL SOURCES	2.00	7.00	52.00	ACTIVE
	793	002	LIMESTONE SILO FILTER EX	24.00	7.00	52.00	ACTIVE
	794	001	DUST COLLECTOR FLTERED EX	24.00	7.00	52.00	ACTIVE
	795	004	CALCINE STORAGE BIN	24.00	7.00	52.00	ACTIVE
		005	CALCINE STORAGE BINS	24.00	7.00	52.00	ACTIVE
		006	CALCINE STORAGE BIN	24.00	7.00	52.00	ACTIVE
	798	001	INORGANIC STORAGE TANKS	.00	.00	.00	ACTIVE
	T-1	001	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		007	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	T-5	001	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
CPP	T-5	003	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	T-6	001	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	TR19	002	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
	TR27	002	FUEL BURNING EQUIPMENT	.00	.00	.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	.00	.00	.00	ACTIVE
	TR29	001	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	24.00	7.00	40.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
HPTF	601	001	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
INEL	100	001	PAVED ROADS	15.00	7.00	52.00	ACTIVE
	101	001	UNPAVED ROADS	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
NRF	601	023	REACTOR COMPARTMENT EXHST	1.00	1.00	1.00	ACTIVE
		036	CHEMICAL SOURCES	6.00	2.00	25.00	ACTIVE
	601A	019	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	601C	019	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	601F	019	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	602	005	FUEL BURNING EQUIPMENT	2.00	1.00	52.00	ACTIVE
		006	CHEMICAL SOURCES	2.00	5.00	52.00	ACTIVE
		008	OTHER CHEMICAL SOURCE	4.00	1.00	52.00	ACTIVE
		023	FAB. PROCESS - DUST	1.00	1.00	52.00	ACTIVE
		037	CHEMICAL SOURCES	1.00	1.00	40.00	ACTIVE
		044	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	603	031	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE
	616	012	CHEMICAL SOURCES	1.00	5.00	52.00	ACTIVE
		039	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	616A	002	CHEMICAL SOURCES	4.00	1.00	1.00	ACTIVE
	616B	006	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	617	013	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		020	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	617C	001	FUEL BURNING EQUIPMENT	3.00	1.00	50.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	7.00	1.00	50.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	618	024	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		025	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		026	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		027	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		028	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		029	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		032	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		033	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		034	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		035	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
NRF	618	036	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		037	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		038	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		039	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		040	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		041	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		042	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
		043	CHEMICAL SOURCES	5.00	5.00	52.00	ACTIVE
		099	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		103	RADIOLOGICAL PROCESS	24.00	7.00	52.00	ACTIVE
		200	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	619	004	CHEMICAL SOURCES	1.00	4.00	52.00	ACTIVE
		016	CHEMICAL SOURCES	1.00	4.00	52.00	ACTIVE
		017	CHEMICAL SOURCES	1.00	4.00	52.00	ACTIVE
		018	CHEMICAL SOURCES	1.00	4.00	52.00	ACTIVE
	620	012	FUEL BURNING EQUIPMENT	24.00	7.00	13.00	ACTIVE
		013	FUEL BURNING EQUIPMENT	24.00	7.00	13.00	ACTIVE
		014	FUEL BURNING EQUIPMENT	24.00	7.00	13.00	ACTIVE
	622	001	FUEL BURNING EQUIPMENT	1.00	1.00	16.00	ACTIVE
		007	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	628A	003	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		006	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	631	101	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	633A	004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		031	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
		057	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		064	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		078	FUEL BURNING EQUIPMENT	1.00	2.00	52.00	ACTIVE
		088	CHEMICAL SOURCES	1.00	3.00	52.00	ACTIVE
		089	CHEMICAL SOURCES	1.00	3.00	52.00	ACTIVE
	635	006	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
NRF	635	007	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	663	022	CHEMICAL SOURCES	2.00	1.00	52.00	ACTIVE
	686	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
		017	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
		018	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
		019	FUEL BURNING EQUIPMENT	4.00	1.00	14.00	ACTIVE
	708	001	COOLING TOWER	24.00	7.00	52.00	ACTIVE
	709	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	710	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	711	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	716	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	720A	001	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE
	721	001	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE
	722A	001	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE
	739	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	743	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	745	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		002	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	747	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	759A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	759B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	FUG	001	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
NRF	FUG	002	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE
		003	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE
		004	FUGITIVE SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
PER	601	010	FUEL BURNING EQUIPMENT	6.00	7.00	26.00	ACTIVE
	601A	010	FUEL BURNING EQUIPMENT	6.00	7.00	26.00	ACTIVE
	609	006	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		010	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	612	006	FUEL BURNING EQUIPMENT	6.00	7.00	26.00	ACTIVE
	613	009	FUEL BURNING EQUIPMENT	6.00	7.00	26.00	ACTIVE
	619	015	FUEL BURNING EQUIPMENT	24.00	7.00	36.00	ACTIVE
		016	FUEL BURNING EQUIPMENT	24.00	7.00	36.00	ACTIVE
	620	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		002	CHEMICAL SOURCES				ACTIVE
		016	RAD SOURCE	24.00	7.00	52.00	ACTIVE
		023	FUEL BURNING EQUIPMENT	24.00	7.00	36.00	ACTIVE
		041	RAD SOURCE	24.00	7.00	52.00	ACTIVE
	621	001	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
	622	003	RAD PROCESS	.00	.00	.00	INACTIVE
	624	005	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	625	001	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
		002	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
		004	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	626	004	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		005	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	632	007	FUEL BURNING EQUIPMENT	6.00	7.00	26.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	6.00	7.00	26.00	ACTIVE
	705	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	711	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	716	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	722	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	730	001	RAD SOURCE	24.00	7.00	52.00	ACTIVE
	731	002	RAD SOURCE	24.00	7.00	52.00	ACTIVE
	733	001	RAD SOURCE	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
PER	737	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	740	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	742	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	743	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	749	001	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	752	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	755	001	CHEMICAL SOURCES				ACTIVE
	756	001	RADIOLOGICAL PROCESS	.00	.00	.00	ACTIVE
	765	001	CHEMICAL SOURCES	.00	.00	.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
STF	601	039	CHEMICAL SOURCES	.			ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
TAN	602	034	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
		066	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
	603	011	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		022	FUEL BURNING EQUIPMENT	2.40	.70	3.00	ACTIVE
		027	FUEL BURNING EQUIPMENT	24.00	7.00	32.00	ACTIVE
		028	FUEL BURNING EQUIPMENT	24.00	7.00	32.00	ACTIVE
	604	022	CHEMICAL SOURCES	2.00	1.00	52.00	ACTIVE
		029	CHEMICAL SOURCES	8.00	1.00	2.00	ACTIVE
		031	CHEMICAL SOURCES	.50	1.00	16.00	ACTIVE
		035	GRINDER FUMEHOOD	.50	5.00	52.00	ACTIVE
	606	005	SAWDUST PARTICULATE	5.00	5.00	50.00	ACTIVE
	607	013	CHEMICAL SOURCES	2.00	1.00	2.00	ACTIVE
		021	FUEL BURNING EQUIPMENT	.50	1.00	52.00	D&D
		039	CHEMICAL SOURCES	10.00	4.00	50.00	ACTIVE
		041	CHEMICAL SOURCES	6.00	4.00	50.00	ACTIVE
		046	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		047	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		049	RAD SOURCE ROOM EXHAUST	24.00	7.00	52.00	D&D
		059	POTENTIAL RAD SOURCE	24.00	7.00	52.00	D&D
		066	RAD SOURCE				D&D
		119	CHEMICAL SOURCES	10.00	4.00	52.00	ACTIVE
		136	CHEMICAL SOURCES				D&D
	610	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	629	002	CHEMICAL SOURCES	10.00	4.00	26.00	ACTIVE
		012	MANUFACTURING PROCESS	10.00	4.00	52.00	ACTIVE
		013	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		014	MANUFACTURING PROCESS	10.00	4.00	52.00	ACTIVE
	636	002	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	640	001	CHEMICAL SOURCES	.00	.00	.00	INACTIVE
	641	022	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
TAN	641	034	FUEL BURNING EQUIPMENT	12.00	7.00	36.00	ACTIVE
		035	FUEL BURNING EQUIPMENT	12.00	7.00	36.00	ACTIVE
		042	CHEMICAL SOURCES				ACTIVE
	646	043	CHEMICAL SOURCES	2.00	1.00	2.00	ACTIVE
	650	007	RAD PROCESS	.00	.00	.00	INACTIVE
		010	RAD SOURCE	.00	.00	.00	INACTIVE
	652	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	665	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	666	001	RAD TANKS	24.00	7.00	52.00	ACTIVE
	675	010	FUEL BURNING EQUIPMENT	1.67	1.00	52.00	ACTIVE
		011	STORAGE TANK - VOC	24.00	7.00	48.00	ACTIVE
		012	STORAGE TANK - VOC	24.00	7.00	48.00	ACTIVE
		013	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		021	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		024	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		035	FUEL BURNING EQUIPMENT	24.00	7.00	2.00	ACTIVE
		037	FUEL BURNING EQUIPMENT	24.00	7.00	8.70	ACTIVE
	679	012	FUEL BURNING EQUIPMENT	1.44	1.00	52.00	ACTIVE
		013	STORAGE TANK - VOC	24.00	7.00	48.00	ACTIVE
		022	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		023	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		024	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		025	MANUFACTURING PROCESS	24.00	7.00	52.00	ACTIVE
		026	MANUFACTURING PROCESS	24.00	7.00	52.00	ACTIVE
		027	MANUFACTURING PROCESS	24.00	7.00	52.00	ACTIVE
		067	FUEL BURNING EQUIPMENT	24.00	7.00	15.40	ACTIVE
		068	FUEL BURNING EQUIPMENT	24.00	7.00	22.50	ACTIVE
		069	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		084	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
TAN	681	004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		012	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		018	MANUFACTURING PROCESS	17.00	4.00	18.00	ACTIVE
		020	MANUFACTURING PROCESS	24.00	7.00	24.00	ACTIVE
		023	FUEL BURNING EQUIPMENT	4.00	1.00	4.00	ACTIVE
	687	008	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		020	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	701	001	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	702	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	704	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	716	004	FUEL BURNING EQUIPMENT	.00	.00	.00	INACTIVE
	724	001	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
		002	STORAGE TANK - VOC				ACTIVE
	726	001	RAD STORAGE	24.00	7.00	52.00	ACTIVE
	734	001	MAIN STACK	24.00	7.00	52.00	ACTIVE
	738	001	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	753	001	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	759	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	766	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	767A	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	767B	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	771	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	783	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	787	001	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
	792	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	794	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	797	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
TRA	604	027	CHEMICAL SOURCES	8.00	1.00	52.00	ACTIVE
		035	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		072	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		073	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		074	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		077	ORGANIC MATERIAL PREP	24.00	7.00	52.00	ACTIVE
	608	005	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		008	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		012	INORGANIC STORAGE TANKS	.00	.00	.00	INACTIVE
		013	INORGANIC STORAGE TANKS	.00	.00	.00	INACTIVE
	614	032	FUMEHOOD	8.00	5.00	2.00	ACTIVE
	619	006	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
		009	FUEL BURNING EQUIPMENT	.50	1.00	52.00	ACTIVE
	632	015	CHEMICAL SOURCES	8.00	2.00	1.00	ACTIVE
		019	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		030	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		041	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	633	002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		003	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
	635	030	RADIOLOGICAL	.00	.00	.00	INACTIVE
		031	RADIOLOGICAL	.00	.00	.00	INACTIVE
	640	004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	653	028	CHEMICAL SOURCES	8.00	2.00	52.00	ACTIVE
		041	CHEMICAL SOURCES	8.00	1.00	10.00	ACTIVE
	660	004	HOOD	8.00	1.00	52.00	ACTIVE
	661	008	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	665	001	TRITIUM TRAP EXHAUST	.00	.00	.00	INACTIVE
	668	013	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
		015	CHEMICAL SOURCES	8.00	5.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
TRA	670	044	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		046	FUEL BURNING EQUIPMENT	24.00	7.00	26.00	ACTIVE
		047	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		048	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		053	FUEL BURNING EQUIPMENT	24.00	7.00	26.00	ACTIVE
		054	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		074	RADIOACTIVE HOOD	24.00	7.00	52.00	ACTIVE
		086	CHEMICAL SOURCES	8.00	7.00	52.00	ACTIVE
		098	RAD/CHEMICAL	.00	.00	.00	INACTIVE
	671	004	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		006	INORGANIC STORAGE TANKS	.00	.00	.00	INACTIVE
	674	005	STORAGE TANK - VOC	.00	.00	.00	INACTIVE
		007	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
	675	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	677	001	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
		002	INORGANIC STORAGE TANKS	24.00	7.00	52.00	ACTIVE
	707	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	710	001	RADIOLOGICAL	24.00	7.00	52.00	ACTIVE
	715	001	EVAPORATION POND	24.00	7.00	52.00	ACTIVE
	727	001	STORAGE TANK - VOC				ACTIVE
		002	STORAGE TANK - VOC				ACTIVE
		003	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		004	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
	731B	002	2 CAUSTIC TANKS	.00	.00	.00	INACTIVE
	731D	002	2 ACID TANKS	.00	.00	.00	INACTIVE
	770	001	RADIOLOGICAL	24.00	7.00	52.00	ACTIVE
	771	001	COOLING TOWER	24.00	7.00	52.00	ACTIVE
	775	001	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE

AREA	BLDG	VENT	SOURCE TYPE	Hr/ Day	Days/ Week	Weeks/ Year	Status
WMF	601	009	CHEMICAL SOURCES	24.00	7.00	52.00	ACTIVE
	603	001	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		002	STORAGE TANK - VOC	24.00	7.00	52.00	ACTIVE
		005	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		008	FUEL BURNING EQUIPMENT				ACTIVE
	610	003	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	2.00	30.00	ACTIVE
	612	001	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	2.00	30.00	ACTIVE
	615	001	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	640	001	VAPOR VACUUM EXTRACTION	.00	.00	.00	ACTIVE
	700	002	CHEMICAL SOURCES	.00	.00	.00	ACTIVE
	711	001	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE
		004	FUEL BURNING EQUIPMENT	1.00	1.00	52.00	ACTIVE

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ANL	701	009					1.8E+01	5120.0	8.0E+00			
		012		AMBIENT			8.0E+00	5120.0	2.0E+00			
		020		AMBIENT			9.0E+00	5120.0	1.0E+00			
	704	008	8.4E+01	AMBIENT	1.0E+04	1.4E+03	3.7E+01	5120.0	3.6E+01		4827854.400	366485.555
		015		ROOM			2.6E+01	5120.0	3.0E+00		4827841.734	366486.201
	707	001		AMBIENT			1.8E+01	5120.0	4.0E+00			
		002					1.6E+01	5120.0	8.0E+00			
	709	001	7.0E+01	ROOM			8.0E+00	5120.0				
		008					2.3E+01	5120.0	1.2E+01			
		009	7.2E+01	ROOM			8.0E+00	5120.0				
		016					2.3E+01	5120.0	1.2E+01			
	720	007			6.0E+03		1.4E+02	5125.0	2.4E+01			
		017						5125.0	6.0E+00			
		018					2.0E+01	5125.0	2.0E+00			
		021		ROOM			7.0E+00	5125.0	7.5E-01			
		022		ROOM			7.0E+00	5125.0	5.0E-01			
		025		AMBIENT			1.2E+01	5125.0	2.0E+00			
		027		ROOM			1.6E+01	5125.0	2.0E+00			
	721	003		AMBIENT			1.2E+01	5125.0	2.0E+00			
		004	2.5E+02		9.3E+01	4.8E+02	1.8E+01	5125.0	6.0E+00			
	742	002		AMBIENT			1.0E+01	5120.0	2.0E+00			
		005		AMBIENT			1.3E+01	5120.0	2.0E+00			
		006		AMBIENT			1.3E+01	5120.0	2.0E+00			
	752	004		ROOM	2.3E+04	1.9E+03	5.0E+01	5120.0	4.8E+01		4827966.208	366403.663
		005		ROOM	1.4E+04	2.9E+03	3.7E+01	5120.0	3.0E+01		4827957.414	366426.817
		098		ROOM	8.0E+02	6.5E+02	1.8E+01	5120.0	1.5E+01		4827899.998	366442.946
	752A	001					2.2E+01	5120.0	8.0E+00			
		005		AMBIENT			5.0E+00	5120.0	2.0E+00			
	753	006		ROOM	4.6E+03	1.3E+02	2.0E+01	5120.0	2.4E+01			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ANL	753	024		ROOM			2.0E+01	5120.0	2.4E+01			
		029	7.0E+01	ROOM	1.8E+04		1.8E+01	5120.0	4.2E+01			
	754	001		AMBIENT			8.0E+00	5120.0	2.5E+00			
		003					2.5E+01	5120.0	3.0E+00			
	755A	001		AMBIENT			2.9E+01	5120.0	4.0E+00			
	755B	002		AMBIENT			2.3E+01	5120.0	3.0E+00			
	757	001					3.8E+01	5120.0	2.6E+02			
	757A	002		AMBIENT			4.0E+00	5120.0	2.0E+00			
	759	009	6.0E+01	ROOM			1.8E+01	5120.0	2.0E+01			
	764	001			4.9E+04	2.5E+03	2.0E+02	5120.0	6.0E+01		4827999.489	366390.643
	765	022					2.5E+01	5120.0	8.0E+00		4828009.003	366346.867
		073		AMBIENT			2.5E+00	5120.0	2.0E+00		4828001.939	366345.156
	766	056		AMBIENT			3.0E+01	5120.0	2.0E+00			
		057		AMBIENT			2.0E+01	5120.0	3.8E-01			
	768	003					4.0E+01	5120.0	1.0E+01		4827972.225	366303.065
		004		AMBIENT			6.0E+00	5120.0	3.0E+00		4827970.978	366303.713
		005		AMBIENT			6.0E+00	5120.0	3.0E+00		4827972.180	366305.307
		007		ROOM			1.5E+01	5120.0	7.5E-01		4827972.198	366304.410
		022	6.2E+02		8.5E+03	1.3E+03	5.6E+01	5120.0	3.6E+01		4827990.712	366304.555
		024	6.0E+02		8.6E+03	2.0E+03	5.6E+01	5120.0	3.6E+01		4827986.671	366306.045
		027	6.1E+02		8.7E+03	2.0E+03	5.6E+01	5120.0	3.6E+01		4827979.902	366305.012
		028					2.0E+01	5120.0	6.0E+00		4827979.955	366302.322
		034	6.3E+02		9.7E+03	2.3E+03	5.6E+01	5120.0	3.6E+01		4827981.601	366312.673
		051		ROOM	1.5E+02		4.3E+01	5120.0	3.0E+00		4827995.604	366275.940
		095	8.0E+01	ROOM			6.0E+00	5120.0	3.0E+00		4827972.753	366261.128
		096	8.0E+01	ROOM			6.0E+00	5120.0	3.0E+00		4827972.770	366260.231
		097		AMBIENT			2.0E+00	5120.0	3.0E+00		4827971.890	366257.970
		105	7.0E+01	ROOM			1.2E+01	5120.0	1.0E+00		4828006.316	366311.371
		108	7.0E+01	ROOM			2.1E+01	5120.0	8.0E+00		4828000.566	366305.649

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ANL	768	133					2.0E+01	5120.0	6.3E+00		4828009.920	366269.945
		134		AMBIENT			1.2E+01	5120.0	1.5E+00			
	768B	121		ROOM	1.5E+02		2.2E+01	5120.0	1.0E+01		4828005.981	366281.755
		130						5120.0	3.0E+00	4.0E+00	4828007.483	366283.804
	772	022	7.2E+01	ROOM	2.7E+02	1.5E+02	2.0E+01	5120.0	1.8E+01			
	774	001					1.6E+01	5120.0	6.0E+00		4827798.650	366433.524
		002		ROOM			1.0E+01	5120.0	1.5E+00		4827800.810	366433.567
		003		AMBIENT			1.0E+01	5120.0	2.0E+00		4827794.948	366433.451
		008	7.0E+01	ROOM	2.0E+03	5.7E+03	2.5E+01	5120.0	8.0E+00		4827799.921	366462.711
		025		ROOM	9.0E+01	1.8E+03	2.5E+01	5120.0	3.0E+00		4827804.816	366464.828
	776	001					3.3E+01	5120.0			4827809.002	366502.597
	777	002	5.0E+01		4.7E+03	1.5E+03	7.5E+01	5120.0	2.4E+01		4827771.817	366479.200
	782	001					1.0E+01	5120.0	1.2E+01	8.0E+00		
		028		ROOM	1.7E+03		2.7E+01	5120.0	1.0E+00	2.0E+00		
	784	010		ROOM	1.6E+03	2.0E+03	2.0E+01	5120.0	1.2E+01			
	785	009	7.2E+01	ROOM			5.0E+00	5120.0	7.5E-01		4828125.633	366379.249
		011		ROOM			9.4E+01	5120.0	1.0E+01		4828118.381	366371.478
		014					1.0E+01	5120.0	2.0E+00		4828126.134	366354.136
		016					2.5E+01	5120.0	8.0E+00		4828125.991	366361.311
		017					2.5E+01	5120.0	8.0E+00		4828125.955	366363.105
		018		ROOM	4.6E+04	2.6E+03	9.4E+01	5120.0	8.4E+01	3.0E+01	4828118.403	366370.357
	787	001		ROOM	1.0E+04	1.8E+03	3.3E+01	5120.0	3.2E+01		4828043.663	366388.607
	788	013		ROOM	2.0E+03	3.7E+03	2.5E+01	5120.0	1.0E+01			
		014		ROOM	3.5E+03	8.8E+02	8.0E+00	5120.0	2.4E+01			
	789	001		ROOM			8.0E+00	5120.0	6.0E+00			
	789A	007			.0E+00	.0E+00	1.0E+01	5120.0	4.0E+00			
	793	001			1.0E+04		4.8E+01	5120.0	4.2E+01			
		011					2.0E+01	5120.0	8.0E+00			
		012					2.0E+01	5120.0	1.5E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ANL	793	013					2.0E+01	5120.0	1.5E+00			
		014					2.0E+01	5120.0	1.5E+00			
		015					2.0E+01	5120.0	1.5E+00			
	793A	025					1.4E+01	5120.0	4.0E+00			
		026					1.4E+01	5120.0	4.0E+00			
		027					7.0E+00	5120.0	4.8E+01			
		028					7.0E+00	5120.0	4.0E+00			
		029					1.0E+01	5120.0	4.0E+00			
		030					1.0E+01	5120.0	4.0E+00			
		031					1.0E+01	5120.0	4.0E+00			
		032					1.0E+01	5120.0	4.0E+00			
		033					9.0E+00	5120.0	4.0E+00			
		034					9.0E+00	5120.0	4.0E+00			
		035					9.0E+00	5120.0	4.0E+00			
		036					9.0E+00	5120.0	4.0E+00			
	793B	019					1.4E+01	5120.0	4.0E+00			
		020					1.4E+01	5120.0	1.0E+00			
	794	006		AMBIENT			1.6E+01	5120.0	1.0E+01			
	798	007		ROOM			1.5E+01	5120.0	1.5E+00		4828146.902	366411.525
		008					1.5E+01	5120.0	2.0E+00		4828148.154	366410.653
		017			2.8E+03		6.0E+01	5120.0	3.6E+01		4828145.918	366398.944
	799	003		ROOM			2.2E+01	5120.0	1.2E+01	1.2E+01	4828221.302	366271.020
		010	.0E+00		2.9E+04	8.7E+04	2.0E+01	5120.0	4.0E+00		4828210.939	366264.533

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
ARA	IV	001		AMBIENT				5010.0				

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B08	601	001						4785.0	1.2E+01	1.2E+01	4849379.702	358919.062
		003					8.0E+00	4785.0	4.0E+00		4849039.207	358748.815

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B16	601	007	2.5E+02		9.6E+01	1.2E+02	1.8E+01	4904.0	1.2E+01		4828774.079	343507.764
		008		AMBIENT			1.2E+01	4904.0	1.5E+00		4828774.920	343507.803
	703	001		AMBIENT			1.5E+01	4904.0	3.0E+00		4828810.330	343635.903
	708	001		AMBIENT			.0E+00		2.0E+01	2.0E+01	4828810.692	343635.500

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B21	608	008		AMBIENT	1.2E+03	7.1E+02	2.1E+01	4974.0	8.8E+00		4822745.696	341245.663
		012		ROOM	5.7E+03	5.7E+02	1.7E+01	4973.0	2.4E+01	6.0E+01	4822819.840	341338.312

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B23	602	002					5.0E+00	5130.0	1.2E+01	1.2E+01		

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
B27	601	001					8.0E+00	4940.0	3.0E+00		4819503.676	346619.721
		003		AMBIENT			6.0E+00	4940.0	1.2E+01	1.2E+01	4819299.688	346620.253

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	100	001		AMBIENT				4936.0			4822259.115	342363.552
	101	001		AMBIENT				4936.0			4822119.242	343143.552
	102	001		AMBIENT				4936.0			4822291.256	343108.380
	103	001		AMBIENT				4936.0			4822654.587	342218.219
	602	016		ROOM			8.0E+00	4936.0	6.0E+00	4.0E+00	4821498.787	342760.120
	604	001					2.0E+00	15.0	4.0E+00		4821139.572	342883.581
	607	004	2.5E+02		1.8E+02	1.1E+03	1.5E+01	4936.0	4.0E+00	6.0E+00	4821496.128	342944.306
	608	001	5.5E+02		1.1E+02	1.4E+02	3.5E+01	4930.0	1.2E+01		4820908.391	342513.039
	609	001	9.5E+02				1.4E+01	4936.0	4.0E+00		4820917.314	342527.399
		002		ROOM			9.5E+00	4936.0	7.5E-01		4820916.729	342526.037
		005	4.0E+02		8.3E+02	1.5E+03	2.7E+01	4936.0	1.0E+01		4820907.933	342532.569
		017		ROOM			2.3E+01	4930.0	1.2E+01		4820920.833	342584.169
		018		ROOM			2.3E+01	4930.0	1.2E+01		4820898.595	342592.895
	612	007					1.9E+01	4930.0	4.0E+00		4821245.769	342907.804
		008		ROOM	1.3E+03	2.3E+03	2.7E+01	4930.0	1.0E+01		4821242.342	342904.789
		010		ROOM	1.3E+03	2.3E+03	2.7E+01	4936.0	1.0E+01		4821239.052	342905.885
		012		ROOM	1.3E+03	2.3E+03	2.7E+01	4936.0	1.0E+01		4821235.900	342906.845
	613	003	2.6E+02		1.1E+02	2.1E+02	1.7E+01	4936.0	1.0E+01		4821418.815	342895.635
	617	010					2.2E+01	4936.0	4.8E+01	3.6E+01	4821783.705	343561.434
		011					2.2E+01	4936.0	4.8E+01	3.6E+01	4821784.996	343558.994
		024					2.3E+01	4936.0	2.4E+01		4821785.843	343549.133
		026					2.1E+01	4936.0	1.2E+01		4821782.251	343544.333
		030						4936.0	2.0E+00		4821979.004	343474.123
		031						4936.0	2.0E+00		4821981.244	343476.513

	033		ROOM			2.1E+01	4936.0	1.0E+01	1.8E+01	4821767.574	343538.377
	034		ROOM			2.1E+01	4936.0	1.0E+01	1.8E+01	4821765.739	343537.660
622	009		ROOM	.0E+00		1.2E+01	4936.0	1.2E+01	1.2E+01	4820879.434	342827.035
	015		ROOM	2.0E+03	2.0E+03	1.2E+01	4936.0	1.2E+01	1.2E+01	4820871.722	342826.854
	019			.0E+00		4.0E+00	4936.0	1.2E+01		4820866.001	342833.908

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	622	020			.0E+00		1.2E+01	4936.0	1.2E+01		4820868.029	342839.571
		021			.0E+00		1.2E+01	4936.0	1.2E+01		4820872.578	342843.046
	623	005		ROOM	1.5E+03	4.8E+02	6.0E+00	4936.0	2.4E+01		4820849.104	342804.089
		007	7.0E+01	ROOM			2.5E+01		6.0E+01			
		017		ROOM	2.5E+04	2.6E+03	3.0E+01	4936.0	4.2E+01		4820847.206	342806.066
	624	009		ROOM	5.0E+02	5.7E+03	2.9E+01	4936.0	4.0E+00		4820805.839	342777.259
	625	009		ROOM	1.5E+04	4.8E+03	3.0E+01	4936.0	2.4E+01		4821212.735	343344.884
		010		ROOM	7.9E+03	3.6E+03	3.0E+01	4936.0	2.0E+01		4821218.497	343336.035
	633	001		ROOM	.0E+00	.0E+00	2.7E+01	4936.0	1.2E+01	9.0E+00	4821933.883	343540.902
		003		ROOM	.0E+00	.0E+00	2.7E+01	4936.0	1.2E+01	9.0E+00	4821938.887	343538.099
		008		ROOM	.0E+00	.0E+00	2.7E+01	4936.0	1.2E+01	9.0E+00	4821942.417	343545.592
		009		ROOM	.0E+00	.0E+00	3.9E+01	4936.0	9.0E+00		4821943.384	343543.818
		011		ROOM	.0E+00	.0E+00	2.7E+01	4936.0	1.2E+01	9.0E+00	4821946.804	343542.775
		015		ROOM	.0E+00	.0E+00	2.0E+01	4936.0	1.2E+01	9.0E+00	4821940.168	343536.108
		020		ROOM	.0E+00	.0E+00	2.0E+01	4936.0	1.4E+01	1.0E+01	4821942.997	343533.928
		021		ROOM	.0E+00	.0E+00	2.0E+01	4936.0	1.4E+01	1.0E+01	4821945.470	343533.761
		028		ROOM	.0E+00	.0E+00	2.0E+01	4936.0	1.4E+01	1.1E+01	4821950.861	343527.599
		040		ROOM	.0E+00	.0E+00	2.0E+01	4936.0	1.4E+01	1.1E+01	4821955.426	343517.151
		067		ROOM			1.6E+01	4936.0	1.2E+01		4821977.496	343523.728
		091					1.3E+01	4936.0	3.0E+00		4821947.374	343558.059
	650	007	3.3E+02		1.1E+03	2.1E+03	3.4E+01	4936.0	1.2E+01		4821935.912	343506.815
	662	011	4.5E+02		8.4E+02		4.8E+01	4936.0	1.2E+01		4821120.115	342843.444
		027	5.5E+02		1.3E+03	5.9E+02	3.6E+01	4934.0	1.8E+01		4821107.283	342851.005
	664	034					2.2E+01	4936.0	1.0E+01		4821014.008	343064.891
		035					2.2E+01	4936.0	1.0E+01		4821011.801	343066.861
	665	028	2.5E+02		2.6E+03	3.3E+03	3.6E+01	4936.0	1.2E+01		4820979.503	343075.315
		029	2.4E+02		2.6E+03	2.4E+03	3.1E+01	4936.0	2.0E+01		4820983.022	343070.007
		030	2.5E+02		2.6E+03	3.3E+03	3.7E+01	4936.0	1.2E+01		4820977.710	343072.803
		050					4.2E+01		3.6E+01		4821163.388	343030.991

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	668	001		AMBIENT			7.8E+00	4936.0	1.5E+00		4821262.532	342996.579
		006	9.4E+02		2.1E+03	1.1E+04	1.0E+01	4936.0	6.0E+00		4821255.986	342999.346
		010		AMBIENT			1.0E+01	4930.0	2.3E+00		4821235.464	342992.578
		023	3.5E+02		2.1E+02	3.8E+02	3.5E+01	4936.0	1.0E+01		4821239.763	342980.325
	671	007	2.4E+02		1.7E+03	1.6E+03	2.8E+01	4936.0	1.4E+01		4820785.583	342841.012
		008	2.4E+02		1.1E+03	1.0E+03	2.8E+01	4936.0	1.2E+01		4820782.242	342838.688
	674	044		ROOM			2.3E+01	4936.0	1.2E+01		4820869.919	342723.434
	675	002					1.2E+01	4936.0	4.0E+00		4821531.346	342847.764
	679	007	9.5E+02				1.2E+01	4936.0	2.0E+00		4821345.792	343076.895
	682	002					1.3E+01	4936.0	4.0E+00		4821333.624	342912.856
	684	002		AMBIENT	.0E+00	.0E+00	1.2E+01	4936.0	1.0E+00		4820962.514	342775.263
	688	002				1.0E+02	5.0E+00	4936.0	6.0E+00		4821253.551	342694.290
		003		AMBIENT			1.6E+01	4936.0	2.0E+00		4821264.308	342643.559
		043	5.5E+02		3.6E+03	1.6E+03	5.1E+01	4936.0	2.4E+01		4821269.039	342652.429
		044	4.8E+02		1.5E+03	7.0E+02	5.1E+01	4936.0	1.8E+01		4821268.160	342650.387
		047	1.2E+03		9.0E+02	1.0E+04	1.7E+01	4936.0	4.0E+00		4821270.691	342647.752
		048		AMBIENT	.0E+00	.0E+00	1.7E+01	4936.0	2.0E+00		4821279.021	342647.947
	689	030		ROOM	3.0E+03	9.6E+02	9.0E+00	4936.0	2.4E+01		4821302.131	342649.611
		034		ROOM	5.0E+02	6.4E+02	3.0E+01	4936.0	1.2E+01		4821285.832	342660.234
	690	001		ROOM	2.5E+03	1.7E+02	3.7E+01	4936.0	2.0E+01		4821467.643	342725.804
		002		ROOM	2.5E+03	1.5E+02	3.7E+01	4936.0	2.0E+01		4821464.563	342725.507
		003		ROOM	2.5E+03	1.7E+02	3.7E+01	4936.0	2.0E+01		4821461.489	342724.986
		004		ROOM	2.5E+03	1.7E+02	3.7E+01	4936.0	2.0E+01		4821456.260	342724.190
		005		ROOM	2.3E+03	1.5E+02	3.7E+01	4936.0	2.0E+01		4821448.574	342722.887
		006		ROOM	2.5E+03	1.7E+02	3.7E+01	4936.0	2.0E+01		4821443.957	342722.330
		007		ROOM	2.4E+03	1.6E+02	3.7E+01	4936.0	2.0E+01		4821436.271	342721.027
		008		ROOM	2.4E+03	1.6E+02	3.7E+01	4936.0	2.0E+01		4821430.122	342719.984
		009		ROOM	2.4E+03	1.7E+02	3.7E+01	4936.0	2.0E+01		4821423.356	342718.928
		010		ROOM	2.4E+03	1.6E+02	3.7E+01	4936.0	1.6E+01		4821466.007	342716.557

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	690	015		ROOM	2.5E+03	1.7E+02	4.3E+01	4936.0	1.0E+01		4821436.658	342717.667
		042		ROOM	2.0E+03	5.8E+03	2.8E+01	4936.0	8.0E+00		4821441.152	342697.110
		047		ROOM	2.3E+03	1.5E+02	2.8E+01	4936.0	9.0E+00		4821450.449	342695.531
		048		ROOM	3.5E+03	4.4E+03	2.8E+01	4936.0	1.2E+01		4821447.066	342695.003
		049		ROOM	2.6E+03	1.8E+02	2.8E+01	4936.0	8.0E+00		4821439.385	342693.475
		059		ROOM	2.2E+03	1.4E+02	2.8E+01	4936.0	9.0E+00		4821462.664	342687.956
	698	007		ROOM	1.4E+03	6.9E+03	1.7E+01	4936.0	6.0E+00		4821302.902	342636.697
		013		ROOM		5.4E+02	5.0E-01	4936.0	2.0E+00		4821100.888	342696.776
	708	001		AMBIENT			2.0E+01	4936.0	6.0E+00		4821277.329	342588.390
	713	001		AMBIENT			1.5E+01	4936.0	2.5E+00		4821259.818	342982.665
		002		AMBIENT			1.5E+01	4936.0	2.5E+00		4821052.137	343044.669
	721	001		AMBIENT			7.0E+00	4936.0	2.5E+00		4821115.959	342836.385
	729	001		AMBIENT			1.3E+01	4936.0	2.3E+00		4821247.783	342980.513
	730	001		AMBIENT			3.1E+00	4936.0	1.5E+00		4821211.525	342941.888
	731	001		AMBIENT			1.8E+01	4936.0	2.0E+00		4820834.069	342545.840
	732	001		AMBIENT			2.3E+01	4936.0	1.5E+00		4820944.454	342533.820
	734	001		AMBIENT			8.3E-01	4936.0	2.0E+00		4821277.633	342983.747
	735	001		AMBIENT			6.8E+00	4936.0	1.3E+00		4821531.842	342847.307
	738	001		AMBIENT			8.0E+00	4936.0	3.0E+00		4821929.303	343499.026
	739	001		AMBIENT			8.0E+00	4936.0	3.0E+00		4821929.303	343499.026
	741	001		AMBIENT			1.2E+01	4936.0	2.5E+00		4821185.776	342936.233
		002		AMBIENT			1.4E+01	4936.0	2.5E+00		4820977.091	342993.372
	748	001		AMBIENT			1.5E+01	4936.0	1.5E+00		4821327.532	342897.838
	749	001		AMBIENT			1.1E+01	4936.0	4.0E+00		4821874.684	343500.852
	751	004		AMBIENT			5.5E+00	4936.0	3.5E+00		4821001.152	343114.832
	754	001		AMBIENT			2.0E+01	4936.0	4.0E+00		4821685.523	343695.242
		002		AMBIENT			2.0E+01	4936.0	4.0E+00		4821682.282	343701.904
		003		AMBIENT			2.0E+01	4936.0	4.0E+00		4821678.094	343709.442
		004		AMBIENT			1.3E+01	4936.0	4.0E+00		4821674.884	343714.758

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CFA	754	005		AMBIENT			1.3E+01	4936.0	4.0E+00		4821672.625	343718.972
		006		AMBIENT			1.7E+01	4936.0	4.0E+00		4821687.459	343718.194
		007		AMBIENT			2.2E+01	4936.0	4.0E+00		4821694.543	343705.558
	757	001		AMBIENT			1.8E+01	4936.0	2.8E+00		4820979.739	343065.213
	759	001		AMBIENT			9.8E+00	4936.0	3.0E+00		4820783.355	342843.880

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	012	001	7.0E+01		1.6E+01	7.5E+02	3.0E+00	4915.0	2.0E+00			
	025	001									344.103	4825.363
	1605	004	1.7E+02		2.8E+02		1.6E+01	4915.0	6.0E+00			
		018	4.6E+02		7.9E+02		1.6E+01	4915.0	1.2E+01			
	1608	001	7.0E+01		1.4E+03	1.4E+03	3.0E+01	4915.0	1.4E+01			
	1611	001		AMBIENT				4910.0				
	1612	001						4910.0				
	1617	001	7.0E+01				9.8E+00	4920.0	1.6E+02			
	1619	001		AMBIENT	1.5E+03		1.7E+01	4917.0	2.4E+01			
		004	7.0E+01	ROOM	5.0E+01		1.3E+01	4917.0	1.0E+00			
		005		AMBIENT	5.0E+01		1.7E+01	4917.0	1.2E+01			
		006		AMBIENT	5.0E+01		1.7E+01	4917.0	1.2E+01			
	1642	003					1.7E+01		3.0E+00			
		007					1.3E+01		6.0E+00			
	1643	003					1.7E+01		3.0E+00			
		007					1.3E+01		6.0E+00			
	1646	001	7.2E+01	ROOM	1.8E+03		2.6E+00		8.4E-01			
	1749	002					2.5E+00	4915.0	2.0E+00			
		004	7.9E+02		5.4E+02	1.1E+04	1.4E+01	4915.0	3.0E+00			
	601	002					3.4E+01	4915.0	1.3E+00		4825961.001	343783.742
		008	7.5E+01		6.0E+02	3.1E+03	3.9E+01	4915.0	6.0E+00		4825964.400	343783.597
		009					3.7E+01	4915.0	7.5E-01		4825966.010	343780.717
		010					3.4E+01	4915.0	1.0E+00		4825969.351	343783.039
		011					3.4E+01	4915.0	1.0E+00		4825972.128	343783.104
		013					3.5E+01	4915.0	5.0E-01		4825978.915	343783.262
		014	7.0E+01			9.7E+02	3.7E+01	4915.0	6.0E+00		4825984.577	343778.680
		016	7.0E+01				3.4E+01	4915.0	2.0E+00		4825994.125	343779.576
		024		ROOM			2.0E+01	4915.0	2.0E+00		4825996.410	343800.726
	602	012	.0E+00	0	.0E+00	.0E+00	.0E+00	5000.0	.0E+00		.000	.000

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	602	014					3.6E+01	4915.0	4.0E+00			
		031			2.5E+03	6.0E+02	4.7E+01		1.4E+01		4826043.291	343789.025
	603	001	7.0E+01	ROOM	1.7E+04	3.0E+03	6.5E+01	4917.0	3.2E+01		4825267.612	343747.400
		008					9.0E+00	4915.0	4.0E+00		4825276.380	343741.992
	604	011		ROOM			1.9E+01	4915.0	1.0E+00		4825969.026	343889.862
	606	004	4.5E+02		9.8E+03	6.1E+02	4.3E+01	4915.0	5.4E+01		4826090.293	343811.889
		005	4.5E+02		9.8E+03	6.1E+02	4.3E+01	4915.0	5.4E+01		4826088.442	343811.846
		013						4915.0			4826085.628	343800.110
		019	4.5E+02		9.8E+03	6.1E+02	4.5E+01	4915.0	5.4E+01		4826089.915	343788.315
		038	7.0E+01	ROOM	6.1E+02	3.1E+03	6.0E+01	4915.0	6.0E+00		4826081.404	343809.213
	614	001	7.0E+01				1.3E+01	4915.0	1.3E+00		-21.000	23.000
		002	8.5E+02		2.2E+03	1.6E+04	1.2E+01	4915.0	5.0E+00			
	615	005		AMBIENT				4920.0				
	616	004					8.5E+00	4915.0	4.0E+00			
		007					5.6E+00	4915.0	3.0E+00			
	620	001					3.5E+01	4915.0	1.8E+01		4825974.270	343704.377
		002					7.2E+00	4915.0	3.0E+00		4825957.674	343701.297
		004	8.6E+01		4.7E+03	1.3E+04	4.2E+01	4915.0	8.0E+00		4825966.860	343704.429
		005	7.7E+01		4.5E+03	5.8E+03	7.1E+01	4915.0	1.2E+01		4825975.294	343700.137
		006	8.6E+01		4.9E+03	1.4E+04	4.2E+01	4915.0	8.0E+00		4825973.480	343698.523
		009		ROOM			6.0E+01	4915.0	2.4E+01		4825971.702	343695.340
	621	003			6.1E+02	1.8E+03	2.0E+01	4915.0	6.0E+00	8.0E+00		
	627	007	7.0E+01	ROOM	1.2E+03	8.8E+03	6.8E+01	4915.0	1.0E+01		4826012.686	343751.281
		008		70	9.8E+03	5.0E+03	6.8E+01	4915.0	1.9E+01		4826009.256	343752.772
		010	7.0E+01	ROOM	1.6E+03	1.5E+03	6.8E+01	4915.0	1.4E+01		4825996.608	343752.477
		013	7.0E+01	ROOM	1.6E+04	2.9E+03	6.5E+01	4915.0	3.2E+01		4825992.461	343758.216
		016	7.0E+01				2.6E+01	4915.0	3.0E+00		4825997.774	343755.422
	630	011		AMBIENT			4.0E+01	4915.0	2.0E+01			
		012	7.0E+01		7.2E+04	2.3E+04	3.2E+01	4915.0	2.4E+01			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	633	021					2.0E+00	4920.0	3.0E+00			
	637	010		ROOM	5.6E+04	4.6E+03	5.0E+01	4915.0	4.0E+00	3.0E+00	4825975.942	343672.322
		021		ROOM			3.0E+01	4915.0	1.2E+01		4825998.374	343716.385
		032	8.6E+01		2.4E+03	2.2E+03	2.7E+01	4915.0	1.4E+01		4825986.155	343724.180
		034	7.7E+01		2.5E+03	1.1E+03	4.0E+01	4915.0	2.0E+01		4825985.956	343719.462
		035		ROOM			3.7E+01	4915.0	3.6E+01		4825988.058	343708.738
		036	1.8E+02		4.3E+01	1.2E+02	2.7E+01	4915.0	8.0E+00		4825984.957	343709.339
		037	8.4E+02		2.4E+03	4.4E+03	4.0E+01	4915.0	1.0E+01		4825985.632	343706.886
		042	7.5E+01		1.9E+03	2.5E+03	3.0E+01	4915.0	1.2E+01		4825980.403	343706.091
		044	7.7E+01		1.9E+03	2.4E+03	4.0E+01	4915.0	1.2E+01		4825980.069	343720.447
		045	6.0E+01				8.0E+00	4915.0	3.0E+00		4825991.613	343701.864
		061		ROOM			5.0E+01	4915.0	1.3E+00			
	640	001					3.5E+01	4915.0	7.5E-01		4825970.208	343746.252
		002					3.5E+01	4915.0	7.5E-01		4825970.192	343746.925
		003					3.5E+01	4915.0	7.5E-01		4825970.155	343748.495
		004					3.5E+01	4915.0	1.3E+00		4825970.140	343749.168
		005					3.5E+01	4915.0	7.5E-01		4825970.124	343749.841
		006					3.5E+01	4915.0	1.0E+00		4825970.108	343750.514
		007					3.5E+01	4915.0	1.0E+00		4825970.093	343751.187
		008					3.4E+01	4915.0	2.4E+01		4825971.834	343769.182
		023					3.4E+01	4915.0	2.5E-01		4825970.218	343745.803
		024					3.4E+01	4915.0	2.5E-01		4825970.182	343747.373
	644	002	6.8E+02				2.5E+01	4915.0	1.5E+01		4826097.188	343754.371
		004					5.2E+00	4915.0	5.0E-01		4826088.398	343760.675
		005					1.0E+01	4915.0	1.5E+00		4826088.477	343757.310
		006					1.6E+01	4915.0	1.0E+00		4826097.109	343757.735
		013					9.0E+00		3.0E+00			
	648	002					7.0E+00	4920.0	2.0E+00			
	654	007					2.1E+01	4915.0	6.0E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	654	008					2.1E+01	4915.0	6.0E+00			
		009					2.1E+01	4915.0	6.0E+00			
		010					2.1E+01	4915.0	6.0E+00			
		011					2.1E+01	4915.0	6.0E+00			
		012					2.1E+01	4915.0	6.0E+00			
	655	018			8.6E+02	7.8E+03	2.0E+01	4915.0	4.5E+00			
		019			2.7E+03	1.0E+03	1.8E+01	4915.0	5.0E+00			
		026			1.5E+03	9.9E+02	1.9E+01	4915.0	9.0E+00			
		028			2.1E+03	1.0E+03	1.8E+01	4915.0	9.0E+00			
		030			2.1E+03	1.0E+03	1.9E+01	4915.0	9.0E+00			
		031			2.7E+03	1.0E+03	1.9E+01	4915.0	9.0E+00			
	659	006	8.5E+02		1.2E+04	8.6E+03	2.4E+01	4915.0	1.6E+01		4825975.953	344056.553
		007	1.4E+03				9.0E+00	4915.0	1.5E+00		4825970.714	344056.207
		008	7.6E+02		9.6E+03	6.9E+03	2.0E+01	4915.0	1.6E+01		4825961.438	344056.889
		010					6.5E+00	4915.0	2.0E+00		4825971.765	344064.086
		011					6.5E+00	4915.0	2.0E+00		4825953.867	344063.895
		025		ROOM	5.0E+01	1.0E+03	3.4E+01	4915.0	3.0E+00		4825981.558	344054.439
		033					7.1E+01	4915.0	7.2E+01		4826010.412	344008.203
		035					3.5E+00	4915.0	1.5E+00		4825972.611	344054.231
	662	003	7.0E+01		1.1E+03	5.8E+03	1.4E+01	4915.0	6.0E+00			
		004	7.0E+01		1.1E+03	5.8E+03	1.4E+01	4915.0	6.0E+00			
	663	002	7.0E+01		1.4E+04	3.0E+02	3.9E+01	4915.0	3.6E+01	4.8E+01	4825874.108	343870.148
		045	7.0E+01		2.9E+04	4.1E+03	4.1E+01	4915.0	3.6E+01		4825868.452	343914.230
		048	7.0E+01		6.9E+03	2.2E+03	4.7E+01	4915.0	2.4E+01		4825876.971	343932.832
		054	7.0E+01		2.0E+03	2.6E+03	1.3E+01	4915.0	1.2E+01		4825880.201	343913.381
		055	7.0E+01		5.0E+01	6.4E+01	1.2E+01	4915.0	1.2E+01		4825880.232	343912.035
		063			5.0E+02	6.4E+02	1.2E+01	4915.0	1.2E+01			
		065	7.0E+01	ROOM	2.0E+03	2.6E+03	1.3E+01	4915.0	1.2E+01			
	665	001		ROOM	7.9E+02	7.3E+02	3.0E+01	4915.0	1.4E+01			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	665	002		ROOM	7.9E+02	7.3E+02	3.0E+01	4915.0	1.4E+01			
		010		AMBIENT			1.0E+01	4915.0	3.8E-01			
	666	003	7.0E+01				1.0E+01	4917.0	2.0E+00		4825758.816	343784.197
		004	7.0E+01				1.5E+01	4917.0	1.0E+00		4825756.965	343784.154
		039		ROOM			3.5E+01	4915.0	1.2E+02	1.2E+02	4825781.535	343789.439
		048	7.0E+01				4.4E+01	4917.0	1.0E+00		4825785.672	343823.875
	679	002			1.2E+03	6.9E+02	1.7E+01	4915.0	5.0E+00			
		003			1.2E+03	6.9E+02	1.7E+01	4915.0	5.0E+00			
	684	001		ROOM	1.6E+04	3.7E+03	5.0E+01	4915.0	2.8E+01		4825853.159	343802.104
		002		ROOM	4.7E+03	2.7E+03	4.0E+01	4915.0	1.8E+01		4825857.587	343797.494
	687	010		AMBIENT	5.0E+02	3.4E+03	6.0E+01	4917.0	5.0E+00		4825452.931	344089.512
		011		AMBIENT	5.0E+02	3.4E+03	6.0E+01	4917.0	5.0E+00		4825439.049	344089.190
		026					2.2E+01	4917.0	2.0E+01		4825423.484	344108.131
		033		AMBIENT	8.4E+02	3.1E+03	6.0E+01	4917.0	7.0E+00		4825439.227	344094.805
		034		AMBIENT	8.4E+02	3.1E+03	6.0E+01	4917.0	7.0E+00		4825452.806	344094.896
		044	7.0E+01				6.0E+01	4917.0	4.8E+01		4825455.882	344108.659
		049										
	694	007	5.3E+01				2.3E+01	4920.0	1.2E+01		4825988.668	343961.015
		008	5.3E+01				2.3E+01	4920.0	1.2E+01		4825988.051	343961.001
		009		ROOM			2.1E+01	4915.0	6.5E+00		4825979.188	343957.204
		010	5.3E+01				2.3E+01	4920.0	1.2E+01		4825976.334	343960.504
	698	004		ROOM			5.0E+00	4915.0	1.2E+01			
		006		ROOM			8.0E+00	4915.0	1.0E+01	1.2E+01		
		009			8.5E+02	6.4E+02	1.8E+01	4915.0	4.0E+00			
		010			8.5E+02	6.4E+02	1.8E+01	4915.0	4.0E+00			
		016			8.5E+02	6.4E+02	1.8E+01	4915.0	4.0E+00			
		017			8.5E+02	6.4E+02	1.8E+01	4915.0	4.0E+00			
		018			8.5E+02	6.4E+02	1.8E+01	4915.0	4.0E+00			
	701A	001					3.4E+01	4915.0	6.0E+00		4826119.362	343875.854

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	701B	001					2.6E+01	4915.0	8.0E+00		4826119.059	343888.864
	702A	001					2.8E+01	4915.0	4.0E+00		4825907.334	343927.927
	702B	001					2.8E+01	4915.0	4.0E+00			
	703	001					1.1E+01	4915.0	1.5E+00			
		002					1.1E+01	4915.0	1.5E+00			
	708	001	9.1E+01		1.0E+05	6.1E+01	2.5E+02	4915.0	7.8E+01		4825948.175	343923.715
	716	003					6.3E+00	4915.0	2.5E-01			
	719A	001					1.8E+01	4915.0	6.0E+00			
	719B	001					1.7E+01	4915.0	6.0E+00			
	720A	001					1.6E+01	4915.0	6.0E+00			
	720B	001					1.2E+01	4915.0	6.0E+00			
	720C	001					1.2E+01	4915.0	6.0E+00			
	727	002					3.0E+00	4915.0	1.0E+00			
		003					3.0E+00	4915.0	1.0E+00			
	732	001						5000.0				
	742	001						4917.0				
	746	001						4917.0				
	749	001						4915.0				
		005						4915.0				
	757	001						4915.0				
	760	002					6.1E+01	4915.0	3.6E+01			
	764	002						4917.0				
	765	003					8.1E+01	4915.0	4.8E+01			
	767	001		AMBIENT	9.1E+04	5.4E+01	1.6E+02	4915.0	7.2E+01			
	775	005										
	787	001	3.5E+02		7.5E+04	2.8E+03	1.5E+02	4915.0	7.0E+01			
	791	004					9.0E+01	4915.0	4.8E+01			
		005					7.5E+01	4915.0	4.8E+01			
		006					7.5E+01	4915.0	4.8E+01			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
CPP	792	001		AMBIENT	2.0E+03		4.0E+01	4915.0	8.5E-01		344.104	4825.477
		002		AMBIENT	2.0E+03		4.0E+01		8.5E-01			
		003		AMBIENT	2.0E+03		4.0E+01		8.5E-01			
	793	002		AMBIENT	7.0E+03		5.0E+01	4917.0	1.9E+01			
	794	001		AMBIENT	3.0E+04	3.6E+04	4.0E+01	4917.0	4.0E+01			
	795	004		AMBIENT			9.5E+01	4917.0	4.8E+01			
		005					7.5E+01	4917.0	4.8E+01			
		006		AMBIENT			7.5E+01	4917.0	4.8E+01			
	798	001	9.0E+01				3.5E+01	4915.0	2.0E+00			
	T-1	001			1.2E+03	6.9E+02	1.3E+01	4915.0	6.0E+00			
		007			6.8E+02	6.1E+02	1.2E+01	4915.0	6.0E+00			
	T-5	001			6.0E+02	6.8E+02	1.6E+01	4915.0	5.0E+00			
		003			6.0E+02	6.8E+02	1.6E+01	4915.0	5.0E+00			
	T-6	001					1.9E+01	4915.0	6.0E+00			
		004					1.3E+01	4915.0	6.0E+00			
	TR19	002			6.0E+02	6.9E+03	1.1E+01	4915.0	4.0E+00			
	TR27	002			8.5E+02	6.4E+02	1.2E+01	4920.0	4.0E+00			
		003					1.2E+01	4920.0	4.0E+00			
	TR29	001					1.0E+01	4920.0	4.0E+00			
		008					1.0E+01	4920.0	4.0E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
HPTF	601	001					1.1E+01	7000.0	6.2E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
NRF	601	023		ROOM	3.0E+03	1.7E+03	5.3E+01	4850.0	1.8E+01			
		036		ROOM	1.0E+02	1.2E+03	3.6E+01	4850.0	4.0E+00			
	601A	019	7.0E+01	ROOM	2.8E+03	7.0E+02	1.5E+02	4850.0	2.4E+01	2.4E+01		
	601C	019	7.0E+01	ROOM	6.0E+03	1.5E+03	1.5E+02	4850.0	2.4E+01	2.4E+01		
	601F	019	7.0E+01	ROOM	6.0E+03	1.5E+03	1.5E+02	4850.0	2.4E+01	2.4E+01		
	602	005					1.8E+01	4850.0	4.0E+00			
		006	7.0E+01	ROOM			2.3E+01	4850.0	2.0E+01			
		008	6.8E+01	ROOM			1.7E+01	4850.0	2.4E+01	2.4E+01		
		023	6.8E+01	ROOM			2.2E+01	4850.0	1.2E+01			
		037	1.5E+02		2.0E+02	4.0E+03	5.0E+00	4850.0	3.0E+00			
		044		AMBIENT			4.0E+00	4850.0	2.0E+00			
	603	031	7.0E+01	ROOM	5.3E+02	1.5E+03	1.5E+01	4850.0	8.0E+00			
	616	012		ROOM			7.8E+01	4850.0	3.6E+01	3.6E+01		
		039		ROOM	8.0E+02		3.0E+01	4850.0	6.0E+00	8.0E+00		
	616A	002	7.0E+01	ROOM	6.0E+03		5.6E+01	4850.0	1.8E+01	1.8E+01		
	616B	006	7.0E+01	ROOM	7.0E+03	1.8E+03	2.6E+01	4850.0	1.8E+01	4.0E+01		
	617	013	8.0E+01	ROOM	1.3E+04		5.4E+01	4850.0	3.0E+01	6.0E+01		
		020	6.8E+01	ROOM	5.6E+03	6.2E+02	5.4E+01	4850.0	4.2E+01			
	617C	001					4.5E+01	4850.0	1.8E+01			
		002					4.5E+01	4850.0	1.8E+01			
		003		ROOM			3.6E+01	4850.0	1.1E+02			
	618	024	7.4E+01	ROOM	8.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		025	7.4E+01	ROOM	8.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		026	7.4E+01	ROOM	8.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		027	7.4E+01	ROOM	8.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		028	7.4E+01	ROOM	8.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		029	7.4E+01	ROOM	8.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		032	7.4E+01	ROOM	1.5E+04		6.7E+01	4850.0	4.8E+01	4.8E+01		
		033	7.4E+01	ROOM	1.5E+04		6.7E+01	4850.0	4.8E+01	4.8E+01		

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
NRF	618	034	7.4E+01	ROOM	4.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		035	7.4E+01	ROOM	4.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		036	7.4E+01	ROOM	4.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		037	7.4E+01	ROOM	5.2E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		038	7.4E+01	ROOM	5.2E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		039	7.4E+01	ROOM	5.2E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		040	7.4E+01	ROOM	5.2E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		041	7.4E+01	ROOM	5.2E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		042	7.4E+01	ROOM	5.2E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		043	7.4E+01	ROOM	3.8E+03		6.7E+01	4850.0	4.8E+01	4.8E+01		
		099	7.5E+01	ROOM	4.4E+04	2.5E+03	1.0E+02	4850.0	6.0E+01			
		103	7.5E+01	ROOM	1.5E+04	2.1E+03	5.9E+01	4850.0	4.8E+01			
		200		AMBIENT			2.0E+01	4850.0	1.5E+00			
	619	004	6.8E+01	ROOM		4.2E+03	1.9E+01	4850.0	3.6E+01	3.6E+01		
		016	6.8E+01	ROOM	3.9E+02	3.5E+03	1.2E+01	4850.0	4.0E+00	4.0E+00		
		017	6.8E+01	ROOM		3.7E+03	1.2E+01	4850.0	4.0E+00	4.0E+00		
		018	6.8E+01	ROOM		1.2E+03	1.2E+01	4850.0	3.0E+01			
	620	012	7.0E+02		3.0E+04	4.3E+03	3.0E+01	4850.0	4.2E+01			
		013	7.0E+02		3.0E+04	4.3E+03	3.0E+01	4850.0	4.2E+01			
		014	7.0E+02		3.0E+04	4.3E+03	3.0E+01	4850.0	4.2E+01			
	622	001					1.4E+01	4850.0	4.0E+00			
		007		AMBIENT			7.0E+00	4850.0	2.4E+01			
	628A	003		AMBIENT	2.5E+03	3.0E+04	2.0E+00	4850.0	1.0E+00			
		006	7.0E+01	ROOM	4.2E+01		2.2E+01	4850.0	4.0E+00			
	631	101	7.0E+01	ROOM	4.8E+02	5.5E+03	8.5E+00	4850.0	4.0E+00			
	633A	004		AMBIENT	1.7E-01	8.0E+00	1.8E+01	4850.0	2.0E+00			
		031		AMBIENT	3.3E-01	1.5E+01	6.5E+00	4850.0	2.0E+00			
		057	7.0E+01	ROOM	2.0E+04	1.6E+03	7.0E+01	4850.0	4.8E+01			
		064		AMBIENT	3.7E+02	8.0E+00	6.7E-01	4850.0	2.0E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
NRF	633A	078					9.0E+01	4850.0	1.2E+01			
		088	4.0E+02		2.1E+00	7.5E+01	3.0E+00	4850.0	3.0E+00			
		089	4.0E+02		8.8E+02	4.9E+02	1.0E+01	4850.0	1.6E+01	1.6E+01		
	635	006					1.0E+01	4850.0	1.0E+01			
		007					1.0E+01	4850.0	1.0E+01			
		008		AMBIENT	4.4E-02	8.0E+00	7.4E+00	4850.0	1.0E+00			
	663	022		ROOM	3.2E+02		8.0E+00	4850.0	1.2E+01	1.2E+01		
	686	001		ROOM			1.1E+01	4850.0	3.0E+00			
		002		ROOM			1.1E+01	4850.0	3.0E+00			
		003		ROOM			1.1E+01	4850.0	3.0E+00			
		004		ROOM			1.1E+01	4850.0	3.0E+00			
		016	9.7E+02		2.5E+04	8.7E+03	2.2E+01	4850.0	1.2E+01			
		017	9.7E+02		2.5E+04	8.7E+03	2.2E+01	4850.0	1.2E+01			
		018	9.7E+02		2.5E+04	8.7E+03	2.2E+01	4850.0	1.2E+01			
		019	9.7E+02		2.5E+04	8.7E+03	2.2E+01	4850.0	1.2E+01			
	708	001		AMBIENT			7.4E+01	4850.0	2.6E+02			
	709	001		AMBIENT			4.0E+00	4850.0	2.0E+00			
	710	001		AMBIENT	2.5E+03	3.0E+04	2.0E+00	4850.0	1.0E+00			
	711	001	1.5E+02				1.7E+01	4850.0	3.0E+00			
		002	1.5E+02				1.7E+01	4850.0	3.0E+00			
		003	1.5E+02				1.7E+01	4850.0	3.0E+00			
	716	001		AMBIENT		2.0E+03	6.1E+01	4850.0	2.2E+02			
	720A	001		AMBIENT			.0E+00	4850.0				
	721	001		AMBIENT			.0E+00	4850.0				
	722A	001		AMBIENT			.0E+00	4850.0				
	739	001		AMBIENT			1.5E+01	4850.0	8.0E+00			
		002		AMBIENT			1.5E+01	4850.0	8.0E+00			
	743	001		AMBIENT	.0E+00	.0E+00	3.0E+00	4850.0	2.0E+00			
	745	001		AMBIENT	.0E+00	.0E+00	2.0E+00	4850.0	2.0E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
NRF	745	002		AMBIENT	.0E+00	.0E+00	2.0E+00	4850.0	2.0E+00			
	747	001		AMBIENT			1.6E+01	4850.0	3.0E+00			
		002		AMBIENT			1.6E+01	4850.0	3.0E+00			
	759A	001		AMBIENT			1.4E+01	4850.0	3.0E+00			
	759B	001		AMBIENT			1.4E+01	4850.0	3.0E+00			
	FUG	001		AMBIENT			.0E+00	4850.0				
		002		AMBIENT			.0E+00	4850.0				
		003		AMBIENT			.0E+00	4850.0				
		004		AMBIENT			.0E+00	4850.0				

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
PER	601	010	2.5E+02		3.0E+02	6.8E+02	2.2E+01		1.0E+00		4823154.517	349113.613
	601A	010	2.5E+02		3.0E+02	4.0E+02	2.1E+01		1.2E+01		4823341.118	349022.563
	609	006	5.4E+02		3.0E+02	1.6E+02	1.4E+01		6.0E+00		4823482.348	349847.312
		010		ROOM		.0E+00	1.4E+01		1.3E+00		4823480.522	349846.148
	612	006	2.5E+02		2.4E+02	4.5E+02	2.8E+01		1.0E+01		4824140.448	349205.191
	613	009	2.5E+02		4.5E+02	1.4E+02	5.5E+01	4976.0	1.2E+01		4819040.122	344789.180
	619	015	2.5E+02		5.0E+01	1.4E+02	2.7E+01	4922.0	8.0E+00		4823404.306	349009.516
		016	2.5E+02		1.3E+02	1.7E+02	2.6E+01	4922.0	1.2E+01		4823406.658	349006.830
	620	001		AMBIENT	.0E+00	.0E+00	7.6E+00	4922.0	5.0E-01		4823912.360	348580.029
		002		ROOM	6.3E+02	7.5E+02	1.9E+01	4922.0	1.0E+01	1.2E+01	4823901.598	348578.215
		016		ROOM	5.0E+03	1.6E+03	7.5E+01	4922.0	2.0E+01		4823914.611	348562.345
		023	4.5E+02		5.8E+02	1.1E+03	1.2E+01	4922.0	1.0E+01		4823912.644	348553.770
		041		ROOM	6.6E+02	6.6E+02	1.5E+01	4922.0	1.2E+01	1.2E+01	4823892.966	348550.408
	621	001					1.0E+01	4922.0	2.0E+00		4824111.537	348476.524
		005					1.0E+01	4922.0	3.0E+00		4824128.328	348469.602
	622	003	.0E+00		.0E+00	.0E+00	4.5E+01	4944.0	1.6E+01		4823456.989	349918.586
	624	005		AMBIENT		.0E+00	4.0E+00	4922.0	5.0E-01		4824134.796	348450.987
	625	001		AMBIENT		.0E+00	1.0E+01	4922.0	1.2E+01		4824066.972	348428.851
		002		AMBIENT		.0E+00	1.4E+01	4922.0	5.0E-01		4824069.800	348431.722
		004		AMBIENT		.0E+00	1.5E+01	4922.0	5.0E-01		4824063.341	348433.054
	626	004					1.1E+01	4922.0	4.0E+00		4823344.479	349061.153
		005		AMBIENT	.0E+00	.0E+00	1.3E+01	4922.0	1.0E+00		4823345.452	349036.125
	632	007	2.5E+02		8.0E+01	1.5E+02	2.5E+01	4922.0	1.0E+01		4823365.036	349090.326
		008	2.5E+02		8.0E+01	1.5E+02	2.5E+01	4922.0	1.0E+01		4823339.550	349094.793
	705	001		AMBIENT		.0E+00	1.4E+01	4944.0	3.0E+00		4823718.366	349763.795
	711	001		AMBIENT				4922.0				
	716	001		AMBIENT		.0E+00	4.5E+00	4976.0	2.0E+00		4822571.297	349605.555
	722	001		AMBIENT		.0E+00	4.0E+00	4922.0	2.0E+00		4824128.784	348494.453
	730	001		AMBIENT	.0E+00	.0E+00	1.2E+01	4922.0	3.0E+00		4824099.015	348534.659

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
PER	731	002		AMBIENT	.0E+00	.0E+00	.0E+00	4922.0	3.0E+00	3.0E+00	4824075.520	348562.328
	733	001		AMBIENT			.0E+00	4922.0			4824056.146	348590.255
	737	001		AMBIENT		.0E+00	4.0E+00	4922.0	2.0E+00		4823396.533	349007.300
	740	001		AMBIENT		.0E+00	1.1E+01	4922.0	2.5E+00		4823334.004	349029.359
	742	001		AMBIENT	.0E+00	.0E+00	1.1E+01	4922.0	1.5E+00		4823143.610	349110.598
	743	001		AMBIENT		.0E+00	6.0E+00	4922.0	2.0E+00		4823365.114	349097.118
	749	001		AMBIENT		.0E+00	9.0E+00	4922.0	2.5E+00		4824057.740	348428.108
	752	001		AMBIENT	.0E+00	.0E+00	1.2E+01	4954.0	2.0E+00		4824136.414	349228.965
	755	001	5.5E+01		4.0E+03	8.2E+02	4.9E+01	4944.0	3.0E+01		4823479.838	349862.971
	756	001	5.3E+01	ROOM	2.0E+03	1.6E+02	4.9E+01	4944.0	4.8E+01		4823446.277	349859.302
	765	001	5.9E+01		2.0E+03	1.4E+03	5.1E+01	4944.0	1.6E+01		4823456.989	349918.586

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
STF	601	039		AMBIENT			2.3E+01		6.0E+00			

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TAN	602	034			1.0E+02	1.8E+02	1.7E+01	4790.0	1.0E+01		4856132.018	363218.985
		066		AMBIENT	5.0E+02	7.6E+02	2.2E+01	4790.0	1.1E+01		4856173.946	363282.919
	603	011					1.5E+01	4790.0	1.2E+01		4856151.547	363169.140
		022	5.4E+02		4.7E+03	1.2E+02	3.9E+01	4790.0	4.2E+01		4856168.455	363157.426
		027	3.8E+02				3.1E+01	4790.0	2.4E+01		4856164.034	363147.283
		028	3.8E+02				3.0E+01	4790.0	2.4E+01		4856160.207	363153.235
	604	022		ROOM			1.2E+01	4790.0	1.2E+01	1.0E+01	4856213.958	363180.924
		029		ROOM			6.0E+00	4790.0	1.8E+01		4856181.981	363220.027
		031		ROOM			9.0E+00	4790.0	1.2E+01	1.2E+01	4856184.721	363221.870
		035					1.0E+01		7.0E+00		4856194.975	363218.507
	606	005	7.0E+01	ROOM	3.5E+03	6.4E+03	1.0E+01	4780.0	1.0E+01		4856208.100	363102.100
	607	013		ROOM	1.0E+02		6.0E+00	4780.0	8.0E+00		4856246.725	363013.619
		021					8.5E+00	4780.0	1.2E+01		4856219.627	362995.637
		039		ROOM	4.8E+04	2.4E+03	7.5E+01	4780.0	4.8E+01	6.0E+01	4856228.191	362924.556
		041		ROOM	1.0E+03		1.1E+01	4780.0	9.0E+00	1.0E+01	4856245.859	362935.866
		046					1.3E+01	4780.0	8.0E+00		4856268.717	362949.963
		047			.0E+00	.0E+00	5.0E+00	4780.0	2.0E+00		4856270.844	362951.571
		049		ROOM			3.0E+01	4780.0	8.0E+00	1.0E+01	4856290.285	362966.714
		059		ROOM	1.6E+03	2.8E+02	1.0E+02	4780.0	3.2E+01		4856268.533	363003.793
		066		ROOM	1.7E+02		2.6E+01	4780.0	4.0E+00		4856250.197	363009.893
		119		ROOM	1.2E+04	2.3E+03	5.9E+01	4780.0	2.4E+01	3.6E+01	4856207.130	362958.075
		136		AMBIENT	5.3E+04	7.5E+03	8.5E+01		3.6E+01		4856204.077	362911.549
	610	001	7.0E+01		.0E+00	.0E+00	1.9E+01	4790.0	1.5E+00		4856252.059	363222.561
		002					1.1E+01	4790.0	5.0E+00		4856255.273	363233.599
	629	002		ROOM	1.2E+04	1.7E+03	3.0E+01	4780.0	2.6E+01	3.6E+01	4857335.097	361078.010
		012	8.0E+01	ROOM	6.8E+03		2.7E+01	4780.0	2.0E+01		4857354.921	361045.146
		013	7.0E+01	ROOM	3.2E+04	1.8E+03	4.6E+01	4780.0	4.8E+01	5.0E+01	4857356.220	361042.046
		014	8.0E+01	ROOM	6.8E+03		2.7E+01	4780.0	2.0E+01		4857358.445	361038.966
	636	002		ROOM				4780.0			4856280.923	362919.014

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TAN	640	001		AMBIENT	4.0E+02	4.5E+03	1.9E+01	4790.0	4.0E+00		4854207.272	364168.357
	641	022									4854229.443	364140.656
		034	2.5E+02		1.7E+03	1.6E+03	4.0E+01	4790.0	1.4E+01		4854225.107	364126.267
		035	2.5E+02		1.7E+03	1.6E+03	4.0E+01	4790.0	1.4E+01		4854224.685	364131.845
		042		ROOM			2.1E+01	4790.0	6.0E+00		4854218.096	364137.073
	646	043	7.0E+01	ROOM	1.0E+02		1.6E+01	4790.0	6.0E+00			
	650	007	7.0E+01	ROOM		1.9E+02	8.0E+00	4780.0	1.2E+01		4857235.473	361119.033
		010		ROOM	.0E+00	.0E+00	1.4E+01	4780.0	2.0E+00		4857237.329	361118.848
	652	002		AMBIENT		.0E+00	1.3E+01	4790.0	7.5E-01		4854191.590	364199.367
		003					1.0E+01	4790.0	4.0E+00		4854192.243	364199.317
	665	001	6.0E+01		.0E+00	.0E+00	1.6E+01	4780.0	1.0E+00		4857277.289	361240.641
		002	6.0E+01				1.8E+01	4780.0	5.0E+00		4857275.703	361235.882
	666	001		AMBIENT		.0E+00	3.0E+01	4780.0	4.0E+00		4856358.917	362976.171
	675	010	9.7E+02		4.2E+03	1.8E+04	1.6E+01	4780.0	6.0E+00		4857352.374	361078.371
		011	4.9E+01	AMBIENT			8.0E+00	4780.0	4.0E+00		4857358.544	361078.500
		012	7.0E+01	ROOM			2.6E+01	4780.0	2.0E+00		4857357.904	361079.603
		013	7.0E+01	ROOM			2.8E+01	4780.0	3.0E+00		4857359.184	361077.397
		021	4.9E+01	AMBIENT			8.0E+00	4780.0	4.0E+00		4857368.136	361062.620
		024	4.9E+01	AMBIENT			8.0E+00	4780.0	4.0E+00		4857379.321	361044.316
		035	3.7E+02		9.2E+03	1.9E+03	3.6E+01	4780.0	2.4E+01		4857358.810	361065.775
		037	3.7E+02		9.2E+03	1.9E+03	3.6E+01	4780.0	2.4E+01		4857362.952	361059.608
	679	012	9.6E+02		6.3E+03		1.3E+01	4780.0	1.0E+01		4857361.594	360962.201
		013	4.9E+01	AMBIENT			3.0E+01		4.0E+00		4857362.819	360962.674
		022	7.0E+01	ROOM	1.6E+04	3.3E+03	5.7E+01	4780.0	3.0E+01		4857384.522	360913.769
		023	7.0E+01	ROOM	1.6E+04	3.3E+03	5.7E+01	4780.0	3.0E+01		4857379.950	360910.993
		024	7.0E+01	ROOM	1.6E+04	3.3E+03	5.7E+01	4780.0	3.0E+01		4857375.070	360908.211
		025	7.0E+01	ROOM	1.2E+04	2.4E+03	5.7E+01	4780.0	3.0E+01		4857370.190	360905.429
		026	7.0E+01	ROOM	1.2E+04	2.4E+03	5.7E+01	4780.0	3.0E+01		4857365.927	360902.659
		027	7.0E+01	ROOM	1.2E+04	2.4E+03	5.7E+01	4780.0	3.0E+01		4857360.135	360899.188

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TAN	679	067	3.7E+02		9.2E+03	2.9E+03	5.3E+01	4780.0	2.4E+01		4857373.037	360961.101
		068	3.7E+02		9.2E+03	2.9E+03	5.3E+01	4780.0	2.4E+01		4857370.901	360959.939
		069	7.0E+01	ROOM			3.2E+01	4780.0	3.5E+00		4857376.127	360960.942
		084	7.0E+01	ROOM			3.0E+01	4780.0	2.0E+00		4857367.820	360959.652
	681	004	4.9E+01	AMBIENT			1.0E+01	4780.0	4.0E+00		4857412.068	360954.324
		012	8.0E+01		2.0E+03	3.7E+03	1.1E+02	4780.0	1.0E+01		4857403.897	360931.819
		018	7.0E+01	ROOM	1.6E+04	3.3E+03	5.7E+01	4780.0	3.0E+01		4857401.121	360917.020
		020	7.0E+01	ROOM	1.6E+04	3.3E+03	5.7E+01	4780.0	3.0E+01		4857396.862	360914.027
		023	1.5E+03		1.7E+03	2.2E+03	2.0E+01		1.2E+01		4857417.706	360965.163
	687	008		AMBIENT			1.0E+01	4790.0	2.0E+00		4856002.755	362879.857
		020					1.0E+01	4790.0	4.0E+00		4855999.685	362877.523
	701	001					3.4E+01		4.2E+01		4856239.484	363248.410
	702	001		AMBIENT			3.0E+01	4790.0	8.0E+00		4856286.709	363185.574
		002		AMBIENT			3.0E+01	4790.0	8.0E+00		4856286.700	363185.574
	704	001		AMBIENT		.0E+00	3.8E+01	4790.0	8.0E+00		4856312.048	363202.782
	716	004	2.5E+02		2.6E+03	4.7E+03	2.6E+01	4780.0	1.0E+01		4857256.152	361089.536
	724	001		AMBIENT	.0E+00	.0E+00	3.6E+01	4790.0	8.0E+00		4856306.546	363161.196
		002					3.6E+01	4790.0	8.0E+00		4856306.540	363161.196
	726	001		AMBIENT	.0E+00	.0E+00	1.6E+01	4780.0	1.0E+01		4857190.819	361162.016
	734	001			1.8E+04		1.6E+02	4790.0			4856295.908	363038.310
	738	001		AMBIENT		.0E+00	2.0E+01	4790.0	2.0E+00		4854232.208	364126.189
	753	001		AMBIENT	.0E+00	.0E+00	8.6E+00	4790.0	2.0E+00		4854387.345	364076.789
	759	001		AMBIENT		.0E+00	1.3E+01	4790.0	1.3E+00		4854191.590	364199.367
	766	001		AMBIENT	.0E+00	.0E+00	2.5E+01	4780.0	2.0E+00		4857248.682	361092.507
		002		AMBIENT			1.2E+01		2.0E+00		4857234.715	361104.687
	767A	001		AMBIENT			2.5E+01	4780.0	2.0E+00		4857236.126	361091.148
	767B	001		AMBIENT	.0E+00	.0E+00	2.5E+01	4780.0	2.0E+00		4857234.715	361093.263
	771	001		AMBIENT			6.0E+00	4780.0	1.0E+00		4857321.273	361121.822
	783	001		AMBIENT	.0E+00	.0E+00	1.2E+01	4790.0	3.5E+00		4856291.947	363254.428

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TAN	787	001		AMBIENT		.0E+00	1.0E+01	4790.0	2.0E+00		4854195.065	364092.736
	792	001		AMBIENT	.0E+00	.0E+00	1.2E+01	4790.0	2.0E+00		4856177.167	363348.878
	794	001		AMBIENT	.0E+00	.0E+00	8.6E+00	4790.0	2.0E+00		4856210.616	362983.612
	797	001		AMBIENT	.0E+00	.0E+00	2.0E+01	4790.0	1.5E+00		4856150.216	363173.804

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TRA	604	027	7.0E+01		1.6E+04		3.2E+01	4922.0	9.0E+00		4827606.503	341535.378
		035	7.0E+01	ROOM	1.0E+04		1.0E+02	4922.0	3.5E+01		4827583.501	341555.254
		072	7.0E+01	ROOM	1.6E+03		4.1E+01	4922.0	9.0E+00		4827574.331	341551.447
		073	7.0E+01	ROOM	1.6E+03		4.1E+01	4922.0	9.0E+00		4827576.804	341551.281
		074	7.0E+01	ROOM	1.6E+03		4.1E+01	4922.0	9.0E+00		4827575.963	341547.671
		077	7.0E+01	ROOM	1.1E+03		2.8E+01	4922.0	9.0E+00		4827578.047	341537.847
	608	005					8.0E+00	4922.0	1.0E+00		4827827.562	341659.572
		008	7.0E+01	ROOM			7.9E+00	4922.0	5.0E-01		4827827.659	341665.686
		012					8.0E+00	4922.0	2.0E+00		4827815.140	341678.884
		013					8.0E+00	4922.0	2.0E+00		4827815.237	341675.487
	614	032		ROOM	1.0E+04		2.5E+01	4922.0	2.2E+01	1.9E+01	4827717.625	341499.273
	619	006	7.0E+01	ROOM			5.0E+00	4922.0	1.3E+00		4827881.891	341659.962
		008					5.0E+00	4922.0	5.0E+00		4827888.316	341659.761
		009					5.0E+00	4922.0	5.0E+00		4827888.216	341662.070
	632	015	7.0E+01	ROOM	1.5E+03		1.3E+01	4922.0	1.0E+01		4827505.187	341512.341
		019	7.0E+01	ROOM	1.2E+03		4.7E+01	4922.0			4827507.475	341520.024
		030	7.0E+01	ROOM	1.2E+03		4.7E+01	4922.0			4827507.434	341534.833
		041	7.0E+01	ROOM	1.2E+03		4.7E+01	4922.0			4827508.855	341553.042
	633	002		ROOM			8.0E+00	4922.0	1.3E+00		4827901.020	341635.856
		003					8.0E+00	4922.0	5.0E+00		4827900.916	341640.989
		004					8.0E+00	4922.0	5.0E+00		4827900.916	341640.850
	635	030		ROOM			3.2E+01	4922.0	1.5E+00		4827523.142	341559.762
		031	7.0E+01	ROOM			3.5E+01	4922.0	4.0E+00		4827523.142	341561.401
	640	004		AMBIENT			1.0E+01	4922.0	2.0E+01	2.0E+01	4827875.546	341398.971
	653	028	7.0E+01	ROOM	2.0E+03			4922.0	8.0E+00		4827641.816	341462.378
		041	7.0E+01	ROOM	6.0E+03		3.1E+00	4922.0	1.6E+01	1.8E+01	4827465.168	341472.186
	660	004	7.0E+01	ROOM	2.0E+03		2.9E+01	4922.0	1.0E+01		4827587.560	341647.162
	661	008	7.0E+01	ROOM	6.9E+02		2.6E+01	4922.0	1.9E+01		4827534.844	341530.501
	665	001	7.0E+01	ROOM	2.4E+03		1.2E+01	4922.0	2.4E+01		4827567.766	341598.530

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TRA	668	013	7.0E+01					4922.0	1.0E+01		4827830.110	341466.222
		015	7.0E+01	ROOM			2.8E+01	4922.0	1.0E+01		4827612.076	341531.143
	670	044		AMBIENT			1.2E+01	4922.0	2.0E+00		4827820.748	341390.556
		046	7.1E+02				3.0E+01	4922.0	1.6E+01		4827820.785	341388.987
		047					2.0E+01	4922.0	2.0E+00		4827820.795	341388.538
		048	7.0E+01	ROOM			9.8E+00	4922.0	5.0E-01		4827820.816	341387.641
		053	7.1E+02				3.0E+01	4922.0	1.6E+01		4827820.870	341385.399
		054					2.0E+01	4922.0	2.0E+00		4827822.104	341385.428
		074		ROOM	1.2E+03			4922.0	9.0E+00	8.0E+00	4827802.928	341373.980
		086	7.0E+01						4.0E+00		4827978.724	341293.869
		098	7.0E+01	ROOM	3.6E+03		3.4E+01	4922.0	2.1E+01		4827762.085	341378.174
	671	004	7.0E+01	ROOM			1.9E+01	4922.0	2.0E+00		4828083.020	341317.143
		006					1.8E+01	4922.0	4.0E+00		4828097.233	341306.962
	674	005		ROOM			9.5E+00	4922.0	1.0E+00		4828027.354	341321.902
		007	9.1E+02		1.3E+04		1.1E+01	4922.0	1.4E+01		4828034.847	341324.240
	675	001		AMBIENT			6.0E+00	4922.0	3.6E+01		4827830.653	341390.860
		002		AMBIENT			6.0E+00	4922.0	3.6E+01		4828039.106	341329.265
	677	001										
		002										
	707	001		AMBIENT			1.1E+01	4922.0	1.0E+00		4827680.452	341382.162
	710	001	7.0E+01	ROOM	1.2E+04		2.5E+02	4922.0	6.0E+01		4827551.638	341728.176
	715	001		AMBIENT	.0E+00	.0E+00	.0E+00					
	727	001		AMBIENT			4.8E+01	4922.0	8.0E+00		4827893.419	341580.751
		002		AMBIENT			4.8E+01	4922.0	8.0E+00		4827893.463	341539.691
		003		AMBIENT			2.1E+01	4922.0	8.0E+00		4827894.369	341501.344
		004		AMBIENT			2.1E+01	4922.0	8.0E+00		4827894.581	341492.374
	731B	002		AMBIENT			1.0E+00	4922.0	4.0E+00		4827845.479	341668.360
	731D	002					5.0E-01	4922.0	2.0E+00		4827845.268	341683.539
	770	001	7.0E+01	ROOM	4.5E+04		2.5E+02	4922.0	6.0E+01		4827896.455	341269.613

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
TRA	771	001					2.0E+01	4922.0			4828118.629	341325.734
	775	001		AMBIENT			2.1E+01	4922.0	8.0E+00		4827894.157	341510.314

AREA	BLDG	VENT	Exit Temp. (F)	Temp Type	Flow Rate (ft^3/min)	Vel. (ft/min)	Hgt. grnd (ft)	Elev. (ft)	Dia. or Length (in)	Width (in)	UTM Northing (m)	UTM Easting (m)
WMF	601	009		ROOM	1.3E+02	1.0E+02	2.3E+01	5005.0	1.2E+01		4818209.142	335208.980
	603	001					1.3E+01	5005.0	6.0E+00		4818238.486	335293.992
		002		AMBIENT			1.8E+01	5005.0	1.5E+00		4818242.795	335293.448
		005					1.5E+01	5005.0	6.0E+00		4818231.774	335296.441
		008					5.0E+00	5005.0	4.0E+00		4818227.148	335303.425
	610	003					2.5E+01	5005.0	3.0E+00		4818036.135	335304.274
		004					2.6E+01	5005.0	1.6E+01		4818033.174	335304.155
	612	001					4.0E+00	5005.0	2.5E+00		4818270.977	335307.962
		004					1.5E+01	5005.0	1.0E+01	1.0E+01	4818270.429	335308.906
	615	001		AMBIENT	4.9E+03	2.6E+03	1.5E+01	5005.0	1.4E+01	2.0E+01	4818097.521	335298.751
	640	001			5.0E+02		2.5E+01	4915.0	4.0E+00		4818025.313	334733.266
	700	002			4.0E+03		1.0E+00	5005.0	4.8E+01	3.6E+01	4818225.181	334696.125
	711	001					7.0E+00	5005.0	2.0E+00		4818262.318	335211.974
		004					1.3E+01	5005.0	1.0E+01	1.0E+01	4818058.479	335267.209

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
ANL	701	009	S	5.0E+00	1.2E+02	7.6E+01	DIESEL 2				
	704	015	S	2.0E+00	5.5E+01	3.9E+00	DIESEL 2				
	707	002	S	2.0E+01	6.0E+02	2.3E+01	DIESEL 2				
	709	008	L	8.7E+00	1.2E+02	1.6E+01	DIESEL 2				
		016	L	1.0E+01	1.6E+02	2.0E+01	DIESEL 2				
	720	017	S	4.0E+00	2.0E+02	8.5E+00	DIESEL 2				
		018	S	1.3E+00	5.0E+01	2.6E+00	DIESEL 2				
	721	004	H	2.5E+00	9.2E+02	2.5E+00	FUEL OIL 2				
	752A	001	S	1.3E+01	3.4E+02	2.6E+01	DIESEL 2				
	754	003	S	1.9E+00	1.1E+02	3.8E+00	DIESEL 2				
	765	022	S	7.6E+00	8.7E+01	1.5E+01	DIESEL 2				
	768	003	S	1.8E+01	5.0E+02	3.6E+01	DIESEL 2				
		022	B	1.3E+02	1.0E+03	1.7E+02	FUEL OIL 2				
		024	B	1.3E+02	2.5E+05	1.7E+02	FUEL OIL 2				
		027	B	1.3E+02	2.5E+05	1.7E+02	FUEL OIL 2				
		028	S	9.0E+00	1.5E+02	9.0E+00	DIESEL 2				
		034	B	1.5E+02	1.0E+03	1.9E+02	FUEL OIL 2				
	774	001	S	4.4E+00	1.1E+02	8.7E+00	DIESEL 2				
	785	016	S	1.5E+00	1.7E+01	4.7E+00	DIESEL 2				
		017	S	5.3E+00	6.6E+01	1.1E+01	DIESEL 2				
	789A	007	S	.0E+00	.0E+00	.0E+00	DIESEL 2	.0E+00	.0E+00		
	798	008	S	1.7E+00	4.5E+01	1.7E+00	DIESEL 2				

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
B08	601	003	S	2.5E+00	6.5E+01	5.0E+00	DIESEL 2				

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
B16	601	007	F	6.5E-01	5.5E+02	1.7E+00	FUEL OIL 2				

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
B27	601	001	S	2.5E+00	6.5E+00	5.0E+00	DIESEL 2				

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AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
CFA	604	001	S	2.0E+00	6.0E+01	1.0E+01	DIESEL 2				
	607	004	F	1.3E-04	8.6E+02	4.8E+00	FUEL OIL 2				
	608	001	B	1.1E+00	1.1E+04	1.1E+01	FUEL OIL 2				
	609	001	S	5.7E+00	9.0E+01	1.5E+01	DIESEL 2				
		005	B	1.1E+00	1.1E+04	1.5E+01	FUEL OIL 2				
	613	003	B	2.6E-01	1.5E+03	2.4E+00	FUEL OIL 2				
	617	024	B	1.5E+01	1.2E+04	3.4E+01	PROPANE E				
	633	091	S	4.1E+00	2.1E+02	5.7E+00	DIESEL 2				
	650	007	B	2.1E+00	1.2E+04	3.5E+01	FUEL OIL 2				
	662	011	B	3.3E+00	1.6E+04	2.4E+01	FUEL OIL 2				PROPANE E
		027	B	4.2E+00	4.7E+04	3.6E+01	FUEL OIL 2				PROPANE E
	664	034	H	2.5E+00	6.0E+02	2.5E+00	PROPANE E				
		035	H	2.5E+00	6.0E+02	2.5E+00	PROPANE E				
	665	028	B	.0E+00	.0E+00	3.6E+01	FUEL OIL 2	.0E+00	.0E+00		
		029	B	1.4E+01	1.0E+05	8.4E+01	FUEL OIL 2				PROPANE E
		030	B	.0E+00	.0E+00	3.6E+01	FUEL OIL 2	.0E+00	.0E+00		PROPANE E
	668	006	S	.0E+00	.0E+00	2.3E+01	DIESEL 2	.0E+00	.0E+00		
		023	B	7.5E-01	6.6E+03	4.9E+00	FUEL OIL 2				
	671	007	B	9.9E-01	3.6E+04	5.6E+01	FUEL OIL 2				PROPANE E
		008	B	1.1E+00	3.6E+04	5.6E+01	FUEL OIL 2				
	675	002	S	7.5E+00	6.0E+01	9.8E+00	FUEL OIL 2				
	679	007	P	5.7E+00	1.9E+02	7.6E+00	PROPANE E				
	682	002	S	1.1E+01	5.1E+02	2.1E+01	DIESEL 2				
	688	043	B	5.1E+00	5.1E+04	8.1E+01	DIESEL 2				PROPANE E
		044	B	6.2E+01	2.6E+04	3.5E+01	DIESEL 2				PROPANE E
		047	S	7.5E+00	9.0E+01	1.5E+01	DIESEL 2				
	751	004	H	.0E+00	.0E+00	.0E+00	PROPANE E				

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
CPP	1642	007	S	2.0E+01	5.8E+02	2.2E+01	DIESEL 2				
	1643	007	S	2.0E+01	5.8E+02	2.2E+01	DIESEL 2				
	1749	004	S	3.0E+00	3.6E+01	4.5E+00	DIESEL 2				
	603	008	P	1.1E+01	5.5E+02	1.8E+01	PROPANE E				
	606	004	B	1.7E+02	4.3E+05	3.6E+02	FUEL OIL 2			3.9E+02	FUEL OIL 5
		005	B	1.1E+02	2.2E+05	3.6E+02	FUEL OIL 2			3.9E+02	FUEL OIL 5
		019	B	8.2E+01	7.0E+04	1.8E+02	FUEL OIL 2				
	614	002	S	1.4E+01	4.4E+02	1.6E+01	DIESEL 2				
	616	004	S	1.5E+01	4.7E+02	2.2E+01	DIESEL 2				
	644	002	L	5.0E+01	5.2E+03	1.0E+02	DIESEL 2				
		005	S	1.5E+00	1.6E+01	3.0E+00	DIESEL 1				
	654	007	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
		008	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
		009	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
		010	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
		011	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
		012	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
	655	018	H	6.8E-01	3.4E+03	7.7E-01	PROPANE E				
		019	P	2.6E+00	1.3E+04	2.7E+00	PROPANE E				
		026	P	2.1E+00	1.0E+04	2.1E+00	PROPANE E				
		028	P	2.1E+00	1.0E+04	2.1E+00	PROPANE E				
		030	P	2.6E+00	1.3E+04	2.6E+00	PROPANE E				
		031	P	2.6E+00	1.3E+04	2.6E+00	PROPANE E				
	659	006	S	4.3E+01	1.0E+03	1.1E+03	DIESEL 2				
		007	S	4.0E+00	4.0E+00	4.0E+01	GASOLINE 7				
		008	L	4.3E+01	1.0E+03	1.1E+03	DIESEL 2				
	679	002	P	1.5E+00	7.6E+03	2.0E+00	PROPANE E				
		003	P	1.5E+00	7.6E+03	2.0E+00	PROPANE E				

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AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
CPP	687	026	L	5.0E+01	5.2E+03	1.0E+02	DIESEL 2				
		049	S	1.5E+00	2.0E+01	3.0E+00	DIESEL 2				
	698	009	P	7.8E-01	1.1E+03	9.4E-01	PROPANE E				
		010	P	7.8E-01	1.1E+03	9.4E-01	PROPANE E				
		016	P	7.8E-01	1.1E+03	9.4E-01	PROPANE E				
		017	P	7.8E-01	1.1E+03	9.4E-01	PROPANE E				
		018	P	7.8E-01	1.1E+03	9.4E-01	PROPANE E				
	787	001	B	3.0E+03	1.3E+04	6.1E+03	COAL 00				
	T-1	001	P	7.8E-01	3.9E+03	9.4E-01	PROPANE E				
		007	P	6.6E-01	3.3E+03	9.4E-01	PROPANE E				
	T-5	001	P	4.7E-01	2.3E+03	9.4E-01	PROPANE E				
		003	P	4.7E-01	2.3E+03	9.4E-01	PROPANE E				
	T-6	001	H	7.8E-01	3.9E+03	9.4E-01	PROPANE E				
		004	H	7.8E-01	3.9E+03	9.4E-01	PROPANE E				
	TR19	002	P	7.8E-01	3.9E+03	9.4E-01	PROPANE E				
	TR27	002	P	.0E+00	.0E+00	.0E+00	PROPANE E				
		003	P	.0E+00	.0E+00	.0E+00	PROPANE E				
	TR29	001	P	5.2E-01	2.6E+03	9.4E-01	PROPANE E				
		008	P	5.2E-01	2.6E+03	9.4E-01	PROPANE E				

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
HPTF	601	001	P	3.5E+01	1.5E+02		PROPANE E				

Update Survey for AIR EMISSIONS INVENTORY FUEL BURNING EQUIPMENT - 1993
PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
NRF	602	005	S	1.2E+01	1.2E+03	1.2E+01	DIESEL 2				DIESEL 1
	617C	001	L	5.0E+01	1.3E+04	7.0E+01	DIESEL 2				DIESEL 1
		002	L	5.0E+01	1.1E+04	7.0E+01	DIESEL 2				DIESEL 1
	620	012	B	1.6E+02	2.2E+05	4.5E+02	FUEL OIL 5	1.7E+02	7.9E+03	4.8E+02	DIESEL 2
		013	B	1.6E+02	2.2E+05	4.5E+02	FUEL OIL 5	1.7E+02	7.9E+03	4.8E+02	DIESEL 2
		014	B	1.6E+02	2.2E+05	4.5E+02	FUEL OIL 5	1.7E+02	7.9E+03	4.8E+02	DIESEL 2
	622	001	S	1.2E+01	1.9E+02	1.2E+01	DIESEL 2				DIESEL 1
	633A	078	L	3.8E+01	4.0E+03	4.3E+01	DIESEL 2				DIESEL 1
	635	006	S	7.7E+00	4.0E+02	1.3E+01	DIESEL 2				DIESEL 1
		007	S	7.7E+00	4.0E+02	1.3E+01	DIESEL 2				DIESEL 1
	686	016	L	7.0E+01	3.9E+03	9.0E+01	DIESEL 2				DIESEL 1
		017	L	7.0E+01	3.9E+03	9.0E+01	DIESEL 2				DIESEL 1
		018	L	7.0E+01	3.9E+03	9.0E+01	DIESEL 2				DIESEL 1
		019	L	7.0E+01	3.9E+03	9.0E+01	DIESEL 2				DIESEL 1

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
PER	601	010	H	1.4E+00	1.9E+03	3.5E+00	FUEL OIL 2				
	601A	010	F	2.6E+00	2.6E+03	3.5E+00	FUEL OIL 2				
	609	006	S	1.0E+01	2.6E+02	2.0E+01	DIESEL 2				
	612	006	F	1.6E+00	2.2E+03	6.6E+00	FUEL OIL 2				
	613	009	B	4.3E+00	6.5E+03	1.2E+01	DIESEL 2				
	619	015	F	1.4E+00	2.6E+02	1.4E+00	FUEL OIL 2				
		016	F	3.5E+00	2.8E+03	3.5E+00	FUEL OIL 2				
	620	023	B	3.3E+00	1.6E+04	1.1E+01	FUEL OIL 2		2.6E+02		
	621	001	P	2.5E+00	3.0E+01	2.5E+00	PROPANE E				
		005	S	.0E+00	.0E+00	7.0E+00	GASOLINE 7	.0E+00	.0E+00		
	625	001	S	.0E+00	.0E+00	.0E+00	DIESEL 2	.0E+00	.0E+00		
	626	004	S	2.6E+00	9.9E+01	9.0E+00	DIESEL 2				
	632	007	F	2.5E-01	4.8E+02	2.3E+00	FUEL OIL 2				
		008	F	2.5E-01	4.8E+02	2.3E+00	FUEL OIL 2				

Update Survey for AIR EMISSIONS INVENTORY FUEL BURNING EQUIPMENT - 1993
PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
TAN	602	034	H	.0E+00	.0E+00	8.0E+00	PROPANE E	.0E+00	.0E+00		
	603	011	S	2.5E+01	6.5E+02	4.3E+01	DIESEL 2				
		022	B	1.7E+01	1.1E+05	9.7E+01	FUEL OIL 5				DIESEL 2
		027	B		4.0E+05	1.4E+02	DIESEL 2				
		028	B		4.0E+05	1.4E+02	DIESEL 2				
	607	021	S	.0E+00	.0E+00	.0E+00	DIESEL 2				
		046	S	1.4E+01	4.0E+02	1.4E+01	DIESEL 2				
	610	002	S	1.1E+01	3.0E+02	2.1E+01	DIESEL 2				
	641	022	S	3.9E+00	1.5E+02	7.8E+00	DIESEL 2				
		034	B	6.6E+00	2.3E+04	4.5E+01	FUEL OIL 2				
		035	B	6.6E+00	2.3E+04	4.5E+01	FUEL OIL 2				
	652	003	S	3.8E+00	1.0E+02	7.6E+00	DIESEL 1				
	665	002	S	1.0E+01	2.6E+02	2.0E+01	FUEL OIL 2				
	675	010	S	4.9E+00	4.3E+02	3.1E+01	DIESEL 2				
		035	B	8.4E+01	2.9E+05	1.7E+02	FUEL OIL 2				
		037	B	7.2E+01	1.1E+05	1.7E+02	FUEL OIL 2				
	679	012	S	5.3E+00	4.0E+02	3.7E+01	DIESEL 2				
		067	B	7.6E+01	2.0E+05	1.7E+02	FUEL OIL 2				
		068	B	5.9E+01	2.2E+05	1.7E+02	FUEL OIL 2				
	681	023	P	1.6E+01	2.6E+02	3.8E+01	PROPANE E				
	687	020	S	1.8E+00	2.1E+01	3.6E+00	DIESEL 2				FUEL OIL 2
	716	004	B	.0E+00	.0E+00	7.0E+01	FUEL OIL 2	.0E+00	.0E+00		

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
TRA	619	008	S	1.0E+01	5.2E+02	1.0E+01	DIESEL 1				
		009	S	1.0E+01	5.2E+02	1.0E+01	DIESEL 1				
	633	003	S	1.0E+01	5.2E+02	1.0E+01	DIESEL 1				
		004	S	1.0E+01	5.2E+02	1.0E+01	DIESEL 1				
	670	046	L	4.8E+01	2.1E+05	6.0E+01	DIESEL 2				
		053	L	4.8E+01	2.1E+05	6.0E+01	DIESEL 2				
	674	007	S	5.4E+01	1.4E+03	1.1E+02	DIESEL 2				

Update Survey for AIR EMISSIONS INVENTORY FUEL BURNING EQUIPMENT - 1993
PART I

AREA	BLDG	VENT	E	Primary Normal per Hour (gal)	Primary Normal per Year (gal)	Primary Max per Hour (gal)	Primary Fuel	Second. Normal per Hour (gal)	Second. Normal per Year (gal)	Second. Max per Hour (gal)	Secondary Fuel
WMF	603	001	S	1.3E+01	5.6E+02	2.6E+01	DIESEL 1				
		005	P	2.0E+00	2.0E+02	2.7E+00	PROPANE E				
	610	003	P	4.0E+00	2.0E+02	4.0E+00	PROPANE E				
		004	P	4.0E+00	2.4E+03	4.0E+00	PROPANE E				
	612	001	P	2.0E+00	1.5E+02	2.0E+00	PROPANE E				
		004	P	3.5E+01	2.0E+04	3.5E+01	PROPANE E				
	711	001	P	1.0E+00	2.0E+02	1.3E+00	PROPANE E				
		004	P	1.5E+01	8.0E+03	1.5E+01	PROPANE E				

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
ANL	701	009	S				143.0
	704	015	S				86.0
	707	002	S				460.0
	709	008	L				
		016	L				
	720	017	S				173.0
		018	S				46.0
	721	004	H	.4	RESIDENTIAL		
	752A	001	S				390.0
	754	003	S				77.0
	765	022	S				280.0
	768	003	S				741.0
		022	B	22.5	INDUSTRIAL		
		024	B	24.0	INDUSTRIAL		
		027	B	24.0	INDUSTRIAL		
		028	S				173.0
		034	B	25.0	INDUSTRIAL		
	774	001	S				166.0
	785	016	S				69.0
		017	S				290.0
	789A	007	S				.0
	798	008	S				27.0

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PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
B08	601	003	S				60.0

Update Survey for AIR EMISSIONS INVENTORY FUEL BURNING EQUIPMENT - 1993 Page: 3
PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
B16	601	007	F				

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PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
B27	601	001	S				60.0

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
CFA	604	001	S				62.0
	607	004	F		RESIDENTIAL		
	608	001	B	1.5	COMMERCIAL		
	609	001	S				166.0
		005	B	2.1	COMMERCIAL		
	613	003	B		RESIDENTIAL		
	617	024	B	2.5	COMMERCIAL		
	633	091	S				110.0
	650	007	B	5.2	COMMERCIAL		
	662	011	B		COMMERCIAL		
		027	B	5.0	COMMERCIAL		
	664	034	H	1.0	RESIDENTIAL		
		035	H	1.0	RESIDENTIAL		
	665	028	B	4.2	COMMERCIAL		
		029	B	12.6	INDUSTRIAL		
		030	B	4.2	COMMERCIAL		
	668	006	S				350.0
		023	B	.6	COMMERCIAL		
	671	007	B	8.4	COMMERCIAL		
		008	B	8.4	COMMERCIAL		
	675	002	S				150.0
	679	007	P				
	682	002	S				310.0
	688	043	B	14.7	INDUSTRIAL		
		044	B	5.0	COMMERCIAL		
		047	S				100.0
	751	004	H	.0	RESIDENTIAL		

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
CPP	1642	007	S				
	1643	007	S				
	1749	004	S				50.0
	603	008	P				
	606	004	B		INDUSTRIAL		
		005	B		INDUSTRIAL		
		019	B		INDUSTRIAL		
	614	002	S				300.0
	616	004	S				360.0
	644	002	L			2000.0	
		005	S				14.0
	654	007	H				
		008	H				
		009	H				
		010	H				
		011	H				
		012	H				
	655	018	H				
		019	P				
		026	P				
		028	P				
		030	P				
		031	P				
	659	006	S				1740.0
		007	S				25.0
		008	L			1616.0	
	679	002	P				
		003	P				
	687	026	L			2535.0	

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
CPP	687	049	S				
	698	009	P				
		010	P				
		016	P				
		017	P				
		018	P				
	787	001	B		INDUSTRIAL		
	T-1	001	P				
		007	P				
	T-5	001	P				
		003	P				
	T-6	001	H				
		004	H				
	TR19	002	P				
	TR27	002	P				
		003	P				
	TR29	001	P				
		008	P				

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
HPTF	601	001	P				

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
NRF	602	005	S				300.0
	617C	001	L			1400.0	
		002	L			1400.0	
	620	012	B	48.0	INDUSTRIAL		
		013	B	48.0	INDUSTRIAL		
		014	B	48.0	INDUSTRIAL		
	622	001	S				400.0
	633A	078	L			716.0	
	635	006	S				220.0
		007	S				220.0
	686	016	L			1410.0	
		017	L			1410.0	
		018	L			1410.0	
		019	L			1410.0	

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
PER	601	010	H		COMMERCIAL		
	601A	010	F		COMMERCIAL		
	609	006	S				335.0
	612	006	F	937.0	COMMERCIAL		
	613	009	B	1.7	COMMERCIAL		
	619	015	F	151.0	RESIDENTIAL		
		016	F	400.0	RESIDENTIAL		
	620	023	B	1.6	COMMERCIAL		
	621	001	P				
		005	S				133.0
	625	001	S				
	626	004	S				200.0
	632	007	F		COMMERCIAL		
		008	F		COMMERCIAL		

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
TAN	602	034	H	.7	RESIDENTIAL		
	603	011	S			665.0	
		022	B	42.8	INDUSTRIAL		
		027	B	16.7	COMMERCIAL		
		028	B	16.7	COMMERCIAL		
	607	021	S			675.0	
		046	S			375.0	
	610	002	S			310.0	
	641	022	S			120.0	
		034	B	6.3	COMMERCIAL		
		035	B	6.3	COMMERCIAL		
	652	003	S			310.0	
	665	002	S			310.0	
	675	010	S			598.0	
		035	B	25.1	INDUSTRIAL		
		037	B	25.1	INDUSTRIAL		
	679	012	S			890.0	
		067	B	25.1	INDUSTRIAL		
		068	B	25.1	INDUSTRIAL		
	681	023	P				
	687	020	S			50.0	
	716	004	B	10.0	INDUSTRIAL		

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
TRA	619	008	S				525.0
		009	S				525.0
	633	003	S				525.0
		004	S				525.0
	670	046	L			2118.0	
		053	L			2118.0	
	674	007	S				

PART II

AREA	BLDG	VENT	E	Rated Heat	CLASS	Large Engine Horse Power	Small Engine Horse Power
WMF	603	001	S				255.0
		005	P				
	610	003	P				
		004	P				
	612	001	P				
		004	P				
	711	001	P				
		004	P				

Update Survey for AIR EMISSIONS INVENTORY ORGANIC STORAGE TANKS - 1993
PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
ANL	701	012	2.7E+02	.8	20	7.3E-01	3.0E+02	3.0E+00	5.6E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		020	1.3E+02	.8	20	7.5E-01	3.0E+01	1.5E+00	3.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	707	001	6.0E+02	.8	20	5.0E-01	2.8E+02	3.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	709	001	1.2E+03	.9	100	3.6E+00	1.1E+03	4.0E+00	1.3E+01	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		009	1.2E+03	.9	100	3.6E+00	1.1E+03	4.0E+00	1.3E+01	FIXED ROOF	DIESEL 2	INSIDE BUILDING
	720	021	1.0E+02	.5	2	5.0E-01	1.0E+01	1.0E+00	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		022	6.5E+01	.5	2	5.0E-01	5.0E+00	1.0E+00	1.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		025	1.7E+02	.9	100	4.2E-01	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	721	003	1.2E+03	.5	100	1.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	742	002	4.3E+03	.5	100	3.0E+00	4.0E+03	6.0E+00	1.8E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
		005	3.9E+03	.5	100	3.0E+00	2.3E+02	6.3E+00	1.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		006	1.5E+04	.5	100	3.0E+00	2.3E+02	6.3E+00	1.3E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	752A	005	3.4E+02	.5	100	1.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	754	001	6.0E+01	.8	100	7.0E-01	1.5E+02	2.8E+00	4.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	755A	001	2.3E+05	.5	200	1.3E+00	1.0E+05	2.6E+01	3.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	755B	002	1.2E+05	.5	200	9.0E-01	6.0E+04	1.8E+01	2.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	765	073	1.7E+02	.8	100	2.6E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	768	004	2.0E+03	.9	100	5.8E-01	3.0E+03	5.3E+00	1.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		005	9.0E+03	.9	100	1.0E+00	1.0E+04	1.0E+01	1.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		007	6.5E+02	.8	10	4.0E-01	6.0E+01	2.0E+00	3.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		051	5.5E+01	.0	200	1.5E+00	1.8E+03	5.5E+00	9.0E+00	FIXED ROOF	TURBINE LUBE OIL	INSIDE BUILDING
	774	002	2.2E+02	.5	11	7.5E-01	2.5E+01	1.5E+00	3.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		003	2.0E+02	.9	100	5.3E-01	1.0E+03	5.3E+00	9.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	785	009	4.0E+02	.3	200	5.0E-01	4.0E+02	1.4E+00	8.0E+00	FIXED ROOF	STODDARD SOLVENT	INSIDE BUILDING
		014	.0E+00	.0	3	7.5E-01	5.0E+01	1.5E+00	2.8E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	793	011	.0E+00	.0	200	.0E+00	6.0E+03	7.0E+00	2.3E+00	VARIABLE VAPOR	RADIOACTIVE ETHANOL	INSIDE BUILDING
		012	.0E+00	.0	200	.0E+00	3.0E+02	3.7E+00	5.2E+00	PRESSURE TANK	RADIOACTIVE ETHANOL	INSIDE BUILDING
		013	.0E+00	.0	200	.0E+00	3.0E+02	3.7E+00	5.2E+00	PRESSURE TANK	ETHANOL	INSIDE BUILDING
		014	.0E+00	.0	200	.0E+00	3.0E+02	3.7E+00	5.2E+00	PRESSURE TANK	ETHANOL	INSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
L	793	015	.0E+00	.0	200	.0E+00	3.0E+02	3.7E+00	5.2E+00	PRESSURE TANK	ETHANOL	INSIDE BUILDING
	793A	025	.0E+00	.2	200	8.0E-01	6.0E+03	1.0E+01	1.2E+01	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		026	.0E+00	.2	200	8.0E-01	6.0E+03	1.0E+01	1.2E+01	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		027	.0E+00	.5	200	1.9E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		028	.0E+00	.5	200	1.9E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		029	.0E+00	.8	200	2.0E-01	6.0E+03	1.0E+01	1.2E+01	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		030	.0E+00	.8	200	2.5E-01	6.0E+03	1.0E+01	1.2E+01	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		031	.0E+00	.8	200	1.4E+00	7.5E+02	5.5E+00	6.2E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		032	.0E+00	.8	200	1.4E+00	7.5E+02	5.5E+00	6.2E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		033	.0E+00	.7	200	2.7E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		034	.0E+00	.7	200	1.1E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		035	.0E+00	.7	200	1.1E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
		036	.0E+00	.7	200	1.1E+00	5.0E+02	3.8E+00	5.8E+00	PRESSURE TANK	ETHANOL	OUTSIDE BUILDING
	793B	019	.0E+00	.0	200	.0E+00	1.0E+02	2.2E+00	3.3E+00	PRESSURE TANK	ETHANOL	INSIDE BUILDING
		020	.0E+00	.0	200	.0E+00	1.2E+03	5.0E+00	7.0E+00	PRESSURE TANK	ETHANOL	INSIDE BUILDING
	798	007	4.3E+01	.8	5	7.5E-01	3.0E+01	1.5E+00	3.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B08	601	001	6.5E+01	.8	200	3.4E-01	6.0E+01	2.0E+00	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B16	601	008	5.5E+02	.9	100	5.8E-01	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	703	001	1.1E+03	.8	100	8.8E-01	5.0E+02	1.2E+01	4.4E+00	FIXED ROOF	GAS/DIESEL MIX	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B23	602	002	6.5E+01	.8	200	3.4E-01	6.0E+01	2.0E+00	2.1E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
B27	601	003	6.5E+01	.8	200	3.4E-01	6.0E+01	2.0E+00	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
A	609	002	.0E+00	.5	10	7.5E-01	5.0E+01	1.5E+00	3.8E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	668	001	.0E+00	.0	100	.0E+00	1.0E+03	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		010	.0E+00	.0	100	.0E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	684	002	5.0E+02	.5	200	1.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	688	003	.0E+00	.5	100	1.0E-02	2.0E+03	5.0E+00	1.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		048	.0E+00	.0	100	.0E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	708	001	5.8E+04	.8	200	4.5E+00	4.2E+04	2.0E+01	1.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	713	001	3.5E+04	.5	100	4.0E-01	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
		002	3.5E+04	.5	100	4.0E-01	8.0E+03	8.0E+00	2.1E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	721	001	6.2E+04	.8	100	1.3E+00	5.0E+03	6.0E+00	2.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	729	001	6.7E+03	.9	100	6.9E-01	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	730	001	1.6E+03	.9	100	3.2E-01	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	731	001	1.0E+05	.7	100	2.7E+00	1.2E+04	8.0E+00	3.2E+01	FIXED ROOF	JP-4	OUTSIDE BUILDING
	732	001	2.1E+04	.5	100	4.0E-01	1.2E+04	8.0E+00	3.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	734	001	8.7E+02	.5	100	1.8E-01	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	735	001	7.9E+01	.8	100	5.6E-01	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	738	001	6.0E+03	.8	100	1.2E+00	2.5E+03	5.3E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	739	001	6.0E+03	.8	100	1.2E+00	2.5E+03	5.3E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	741	001	1.7E+05	.9	100	5.6E-01	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	1.7E+05	.9	100	5.6E-01	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	748	001	.0E+00	.7	100	1.6E+00	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	749	001	2.0E+04	.4	200	5.2E+00	1.0E+04	9.0E+00	2.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	754	001	1.8E+05	.5	90	9.0E+00	3.0E+04	1.7E+01	1.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	3.1E+04	.5	90	4.3E+00	2.1E+04	1.5E+01	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		003	3.3E+05	.5	90	4.3E+00	2.1E+04	1.5E+01	1.7E+01	FIXED ROOF	UNLEADED GASOLINE	OUTSIDE BUILDING
		004	3.8E+03	.5	90	3.4E+00	5.0E+03	8.5E+00	1.2E+01	FIXED ROOF	DIESEL #1	OUTSIDE BUILDING
		005	3.8E+03	.5	90	3.4E+00	5.0E+03	8.5E+00	1.2E+01	FIXED ROOF	DIESEL #1	OUTSIDE BUILDING
		006	1.7E+05	.5	90	4.0E+00	4.6E+04	2.2E+01	1.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		007	3.3E+05	.5	90	2.5E+00	1.6E+04	9.5E+00	2.1E+01	FIXED ROOF	UNLEADED GASOLINE	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
CFA	757	001	1.0E+05	.9	100	9.6E-01	1.2E+04	8.0E+00	3.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	759	001	7.0E+04	.9	100	1.3E+00	1.7E+04	1.1E+01	2.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
P	1642	003	5.8E+02	.5	100	2.0E+00	5.0E+02	4.0E+00	6.0E+00	FIXED ROOF	DIESEL 2	INSIDE BUILDING
	1643	003	5.8E+01	.8	100	3.0E+00	5.0E+02	4.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	1749	002	3.6E+01	.4	200	1.5E+00	1.5E+02	2.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	601	016	.0E+00	.0	200	5.0E-01	1.1E+02	2.0E+00	4.5E+00	FIXED ROOF	HYDROCARBON DILUENT	INSIDE BUILDING
		024	6.0E+03	.8	200	5.0E-01	1.7E+03	2.0E+00	4.5E+00	FIXED ROOF	HEXONE	INSIDE BUILDING
	614	001	4.4E+02	.9	200	4.1E-01	3.0E+02	3.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	616	007	4.7E+02	.4	200	8.5E-01	8.5E+01	1.9E+00	4.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	620	002	.0E+00	.8	100	5.1E-01	1.0E+03	3.5E+00	1.5E+01	FIXED ROOF	KEROSENE	OUTSIDE BUILDING
	644	004	1.6E+01	.8	200	1.0E-01	5.4E+00	6.5E-01	2.2E+00	FIXED ROOF	GASOLINE	INSIDE BUILDING
		006	5.2E+03	.8	10	.0E+00	5.0E+01	1.7E+00	3.1E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		013	5.2E+03	.5	200	3.0E+00	3.0E+03	3.0E+00	1.5E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	659	010	9.6E+02	.7	100	2.7E+00	5.0E+03	7.8E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		011	1.1E+03	.7	100	2.7E+00	5.0E+03	7.8E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		035	4.0E+00	.7	200	1.5E-01	6.1E+00	7.6E-01	1.8E+00	FIXED ROOF	GASOLINE	INSIDE BUILDING
	701A	001	3.6E+05	.8	200	1.3E+00	2.4E+05	3.5E+01	3.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	701B	001	3.6E+05	.8	200	4.4E+00	5.0E+04	2.0E+01	2.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	702A	001	2.3E+04	.8	200	4.2E+00	2.0E+04	1.2E+01	2.4E+01	FIXED ROOF	KEROSENE	OUTSIDE BUILDING
	702B	001	6.8E+04	.8	200	4.2E+00	2.0E+04	1.2E+01	2.4E+01	FIXED ROOF	KEROSENE	OUTSIDE BUILDING
	703	001	6.2E+03	.7	100	1.4E+00	1.0E+03	4.0E+00	1.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	2.6E+04	.3	100	3.6E+00	2.0E+03	5.0E+00	1.4E+01	FIXED ROOF	UNLEADED GAS	OUTSIDE BUILDING
	775	005	5.2E+03	.5			1.5E+03			FIXED ROOF	DIESEL 2	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
NRF	602	044	1.2E+03	.8	200	9.9E-01	5.0E+02	3.9E+00	6.1E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	617C	003	2.4E+04	.8	200	9.4E-01	1.6E+03	6.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	618	200	.0E+00	.0	100	.0E+00	1.5E+03	4.0E+00	9.5E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	622	007	3.8E+02	.8	200	1.6E+00	3.0E+03	6.3E+00	1.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	633A	004	3.6E+03	.9	200	5.0E-01	6.4E+03	8.0E+00	1.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		031	.0E+00	.0	200	.0E+00	1.0E+04	8.5E+00	2.5E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	635	008	8.9E+02	.8	200	8.4E-01	2.8E+02	3.5E+00	4.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	686	001	3.9E+03	.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		002	3.9E+03	.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		003	3.9E+03	.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		004	3.9E+03	.9	200	3.2E-01	2.2E+02	4.0E+00	2.3E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	709	001	2.4E+04	.7	200	1.5E+00	3.0E+03	5.0E+00	1.8E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	711	001	2.3E+05	.8	200	4.0E+00	2.5E+04	1.7E+01	1.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
		002	2.3E+05	.8	200	4.0E+00	2.5E+04	1.7E+01	1.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
		003	2.3E+05	.8	200	4.0E+00	2.5E+04	1.7E+01	1.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	739	001	.0E+00	.9	200	5.0E-01	1.2E+04	1.0E+01	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	.0E+00	.9	200	5.0E-01	1.2E+04	1.0E+01	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	747	001	9.0E+03	.5	200	7.5E+00	1.0E+04	1.0E+01	1.5E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
		002	9.0E+03	.5	200	7.5E+00	1.0E+04	1.0E+01	1.5E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	759A	001	7.7E+03	1.0	200	4.0E-01	2.5E+04	1.0E+01	4.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	759B	001	7.7E+03	1.0	200	4.0E-01	2.5E+04	1.0E+01	4.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
	609	010	2.6E+02	.9	10	.0E+00	8.0E+01	1.8E+01	3.6E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	625	002	.0E+00	.0	5	.0E+00	2.0E+01	3.5E+00	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		004	.0E+00	.0	200	.0E+00	1.5E+01	1.0E+00	1.3E+00	FIXED ROOF	LUBE OIL	INSIDE BUILDING
	626	005	6.8E+01	.8	2	2.5E-01	1.1E+02	2.0E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	705	001	4.0E+03	.8	200	6.2E+00	4.0E+03	8.0E+00	1.3E+01	FIXED ROOF	MIXED #1 & #2 DIESEL	OUTSIDE BUILDING
	711	001	1.0E+03	.8			5.0E+03	3.2E+00	5.2E+00	FIXED ROOF	DIESEL 2	OUTSIDE BUILDING
	716	001	4.8E+03	.9	100	4.9E+00	3.0E+03	5.0E+00	2.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	722	001	2.4E+04	.9	100	7.5E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	737	001	4.2E+03	.9	100	4.9E+00	2.0E+03	5.3E+00	1.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	740	001	2.9E+03	.9	100	4.9E+00	2.0E+03	5.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	742	001	1.5E+03	.9	100	4.9E+00	1.0E+03	4.0E+00	1.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	743	001	4.9E+02	.9	100	5.0E+00	2.0E+03	5.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	749	001	.0E+00	.0	100	.0E+00	5.0E+03	6.0E+00	2.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	752	001	1.8E+03	.9	100	4.9E+00	2.0E+03	5.0E+00	1.4E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
TAN	607	047	4.0E+02	.5	100	1.8E+00	1.0E+03	3.5E+00	7.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	610	001	3.0E+02	.5	200	1.1E+00	3.0E+02	2.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	652	002	.0E+00	.0	200	.0E+00	1.9E+02			FIXED ROOF	DIESEL #2	INSIDE BUILDING
	665	001	2.6E+02	.5	200	1.5E+00	3.0E+02	2.9E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	675	011	4.6E+00	.7	100	6.4E+00	8.0E+03	8.0E+00	2.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		012	4.6E+00	.6	21	1.0E+00	1.0E+02	2.0E+00	4.5E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		013	4.0E+02	.6	21	1.8E+00	4.0E+02	3.5E+00	5.6E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		021	3.4E+02	.9	100	2.5E+00	4.8E+04	1.2E+01	6.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		024	1.6E+05	.7	100	1.8E+00	4.8E+04	1.2E+01	6.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	679	013	5.8E+02	.7	100	6.8E+00	1.2E+04	8.5E+00	3.5E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		069	4.2E+06	.5	21	1.8E+00	4.0E+02	3.5E+00	5.8E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		084	1.9E+02	.4	21	1.3E+00	2.0E+02	2.5E+00	6.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	681	004	4.2E+05	.7	100	2.5E+00	9.6E+04	1.2E+01	6.3E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	687	008	1.5E+02	.5	200	1.1E+00	1.5E+02	2.5E+00	4.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	702	001	2.0E+05	.5	100	1.5E+00	1.0E+05	2.2E+01	3.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	.0E+00	.0	90	.0E+00	1.0E+05	2.2E+01	3.0E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	704	001	2.0E+05	.5	90	4.3E+00	1.9E+05	2.8E+01	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	724	001	.0E+00	.0	90	.0E+00	1.9E+00	2.8E+01	3.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
		002	6.6E+03	.5	90	1.1E+00	1.9E+05	2.8E+01	3.6E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	738	001	.0E+00	.0	100	.0E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	FUEL OIL #2	OUTSIDE BUILDING
	753	001	.0E+00	.0	100	.0E+00	5.5E+04	1.2E+01	6.0E+01	FIXED ROOF	FUEL OIL #5	OUTSIDE BUILDING
	759	001	4.5E+04	.5	200	5.0E-01	1.9E+02	2.5E+00	4.0E+00	FIXED ROOF	DIESEL #1	INSIDE BUILDING
	766	001	.0E+00	.0	100	6.0E+00	5.0E+04	1.2E+01	6.0E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	.0E+00	.0		.0E+00						
	767A	001	3.2E+04	.5	100	6.0E+00	3.5E+04	1.2E+01	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	767B	001	3.2E+04	.5	100	6.0E+00	3.5E+04	1.2E+01	3.6E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	783	001	5.7E+04	.6	100	4.8E+00	1.2E+04	8.0E+00	3.2E+01	FIXED ROOF	GASOLINE	OUTSIDE BUILDING
	787	001	.0E+00	.0	100	.0E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	792	001	7.5E+04	.6	100	5.0E+00	1.0E+04	8.0E+00	2.7E+01	FIXED ROOF	DIESEL #1	OUTSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
	794	001	6.0E+02	.5	100	2.7E+00	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	797	001	6.5E+02	.5	100	2.7E+00	1.0E+03	5.3E+00	6.0E+00	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
TRA	619	006	7.8E+02	.8	200	8.5E-01	3.0E+02	3.4E+00	4.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	633	002	7.8E+02	.8	200	9.4E-01	6.6E+02	3.8E+00	8.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	640	004	.0E+00	.5	200	9.4E-01	5.5E+01	2.3E+01	3.3E+01	FIXED ROOF	LUBE OIL	INSIDE BUILDING
	670	044	4.2E+05	.9	100	6.8E-01	1.5E+03	5.4E+00	9.4E+00	FIXED ROOF	DIESEL #2	
		047	1.5E+03	1.0	200	2.9E-01	5.5E+02	4.9E+00	5.8E+00	FIXED ROOF	LUBE OIL	INSIDE BUILDING
		048	9.6E+01	1.0	2	5.0E-01	1.0E+01	8.3E-01	2.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
		054	1.5E+03	1.0	200	2.9E-01	5.5E+02	4.9E+00	5.8E+00	FIXED ROOF	LUBE OIL	INSIDE BUILDING
	674	005	.0E+00	.0	20	.0E+00	2.8E+02	3.9E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING
	675	001	9.5E+02	.5	200	1.8E+00	5.5E+02	3.6E+00	7.3E+00	FIXED ROOF	LUBE OIL (ATTACHED M	INSIDE BUILDING
		002	9.5E+02	.5	200	1.8E+00	5.5E+02	3.6E+00	7.3E+00	FIXED ROOF	LUBE OIL (ATTACHED M	INSIDE BUILDING
	707	001	1.6E+05	.9	100	7.0E-01	3.5E+03	6.0E+00	1.7E+01	FIXED ROOF	UNLEADED GAS	
	727	001	.0E+00	.0	200	.0E+00	2.2E+05	3.0E+01	4.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		002	.0E+00	.0	200	.0E+00	2.2E+05	3.0E+01	4.2E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		003	1.3E+05	.8	150	2.0E+00	3.0E+04	1.6E+01	2.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
		004	1.3E+05	.8	150	2.0E+00	9.2E+04	2.0E+01	2.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING
	775	001	1.3E+05	.8	150	2.0E+00	3.7E+04	1.8E+01	2.1E+01	FIXED ROOF	DIESEL #2	OUTSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
F	603	002	5.6E+02	.6	200	2.0E+00	2.5E+02	3.0E+00	5.0E+00	FIXED ROOF	DIESEL #2	INSIDE BUILDING

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
ANL	701	012					UNDER GROUND	HORIZONTAL				
		020		N	NONE		ABOVE GROUND	VERTICAL				
	707	001			N/A		ABOVE GROUND	HORIZONTAL	N/A		N/A	
	709	001		N			ABOVE GROUND	HORIZONTAL				
		009		N			ABOVE GROUND	HORIZONTAL				
	720	021					ABOVE GROUND					
		022					ABOVE GROUND					
		025					UNDER GROUND	HORIZONTAL				
	721	003			N/A		UNDER GROUND	HORIZONTAL				
	742	002		N	N/A		UNDER GROUND	HORIZONTAL				
		005		N	NONE		UNDER GROUND	HORIZONTAL				
		006		N	NONE		UNDER GROUND	HORIZONTAL				
	752A	005			N/A		UNDER GROUND	HORIZONTAL				
	754	001			N/A		ABOVE GROUND	HORIZONTAL				
	755A	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	755B	002			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	765	073					UNDER GROUND	HORIZONTAL				
	768	004		N			UNDER GROUND	HORIZONTAL				
		005		N			UNDER GROUND	HORIZONTAL				
		007		N	N/A		ABOVE GROUND	HORIZONTAL				
		051	6.5E+01	N	VE & ME	99.95	ABOVE GROUND	HORIZONTAL				
	774	002			N/A		ABOVE GROUND	HORIZONTAL				
		003			N/A		UNDER GROUND	HORIZONTAL				
	785	009		N	N/A		ABOVE GROUND	HORIZONTAL				
		014			N/A		ABOVE GROUND	HORIZONTAL				
	793	011			N/A		ABOVE GROUND	VERTICAL				
		012		Y	N/A		ABOVE GROUND	VERTICAL				
		013		Y	N/A		ABOVE GROUND	VERTICAL				
		014		Y	N/A		ABOVE GROUND	VERTICAL				

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
L	793	015			N/A		ABOVE GROUND	VERTICAL				
	793A	025			N/A		ABOVE GROUND	VERTICAL			WHITE	
		026			N/A		ABOVE GROUND	VERTICAL			WHITE	
		027		Y	N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		028		Y	N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		029		Y	N/A		ABOVE GROUND	VERTICAL			SILVER	
		030		Y	N/A		ABOVE GROUND	VERTICAL			SILVER	
		031			N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		032			N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		033		Y	N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		034		Y	N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		035		Y	N/A		ABOVE GROUND	HORIZONTAL			WHITE	
		036		Y	N/A		ABOVE GROUND	HORIZONTAL			WHITE	
	793B	019		Y	N/A		ABOVE GROUND	VERTICAL				
		020		Y	N/A		ABOVE GROUND	HORIZONTAL				
	798	007			N/A		ABOVE GROUND	VERTICAL				

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
B08	601	001			NONE		ABOVE GROUND	HORIZONTAL	GREEN	GOOD	GREEN	GOOD

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
B16	601	008					UNDER GROUND	HORIZONTAL				
	703	001			NONE		UNDER GROUND	HORIZONTAL				

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
B23	602	002					ABOVE GROUND	HORIZONTAL				

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
B27	601	003					ABOVE GROUND	HORIZONTAL				

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
A	609	002					ABOVE GROUND	VERTICAL				
	668	001					UNDER GROUND	HORIZONTAL				
		010					UNDER GROUND	HORIZONTAL				
	684	002					ABOVE GROUND	HORIZONTAL	FLAT SILVER	POOR	FLAT SILVER	POOR
	688	003			N/A		UNDER GROUND	HORIZONTAL				
		048					UNDER GROUND	HORIZONTAL				
	708	001					ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
	713	001					UNDER GROUND	HORIZONTAL				
		002					UNDER GROUND	HORIZONTAL				
	721	001					UNDER GROUND	HORIZONTAL				
	729	001					UNDER GROUND	HORIZONTAL				
	730	001					UNDER GROUND	HORIZONTAL				
	731	001					UNDER GROUND	HORIZONTAL				
	732	001					UNDER GROUND	HORIZONTAL				
	734	001					UNDER GROUND	HORIZONTAL				
	735	001					UNDER GROUND	HORIZONTAL				
	738	001					UNDER GROUND	HORIZONTAL				
	739	001					UNDER GROUND	HORIZONTAL				
	741	001					UNDER GROUND	HORIZONTAL				
		002					UNDER GROUND	HORIZONTAL				
	748	001					UNDER GROUND	HORIZONTAL				
	749	001					ABOVE GROUND	HORIZONTAL	WHITE	GOOD	WHITE	GOOD
	754	001					ABOVE GROUND	VERTICAL	SILVER, DULL	GOOD	SILVER, DULL	GOOD
		002					ABOVE GROUND	VERTICAL	SILVER, DULL	GOOD	SILVER, DULL	GOOD
		003					ABOVE GROUND	VERTICAL	SILVER, DULL	GOOD	SILVER, DULL	
		004					ABOVE GROUND	VERTICAL	SILVER, DULL	GOOD	SILVER, DULL	
		005					ABOVE GROUND	VERTICAL	SILVER, DULL	GOOD		
		006					ABOVE GROUND	VERTICAL	SILVER, DULL			
		007					ABOVE GROUND	VERTICAL	SILVER, DULL			

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
CFA	757	001					UNDER GROUND	HORIZONTAL				
	759	001					UNDER GROUND	HORIZONTAL				

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
P	1642	003					ABOVE GROUND	HORIZONTAL				
	1643	003					ABOVE GROUND	HORIZONTAL				
	1749	002					ABOVE GROUND	HORIZONTAL	RED	GOOD	RED	GOOD
	601	016			N/A		ABOVE GROUND	VERTICAL	SILVER	N/A	SILVER	N/A
		024										
	614	001					ABOVE GROUND	HORIZONTAL	YELLOW	GOOD		
	616	007					ABOVE GROUND	HORIZONTAL	DULL RED		DULL RED	
	620	002					UNDER GROUND	HORIZONTAL				
	644	004			N/A		ABOVE GROUND	HORIZONTAL	SILVER, DULL		SILVER, DULL	
		006					ABOVE GROUND	VERTICAL	BLUE	GOOD		GOOD
		013					ABOVE GROUND	HORIZONTAL	SILVER	GOOD	SILVER	GOOD
	659	010					UNDER GROUND	HORIZONTAL				
		011					UNDER GROUND	HORIZONTAL				
		035			N/A		ABOVE GROUND	HORIZONTAL	MEDIUM GREY		MEDIUM GREY	
	701A	001	1.4E+05				ABOVE GROUND	VERTICAL	SHINY SILVER	GOOD	SILVER, DULL	GOOD
	701B	001		N			ABOVE GROUND	VERTICAL	SHINY SILVER	TIN	SILVER, DULL	TIN
	702A	001	7.5E+03				ABOVE GROUND	VERTICAL	FLAT SILVER	BAD	FLAT SILVER	BAD
	702B	001	1.4E+03				ABOVE GROUND	VERTICAL	FLAT SILVER	BAD	FLAT SILVER	BAD
	703	001	2.6E+03				UNDER GROUND	HORIZONTAL				
		002	3.5E+04				UNDER GROUND	HORIZONTAL				
	775	005					ABOVE GROUND	HORIZONTAL	GRAY	GOOD	GRAY	GOOD

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
NRF	602	044		N			ABOVE GROUND	HORIZONTAL		GOOD	BLACK	GOOD
	617C	003		N			ABOVE GROUND	HORIZONTAL				
	618	200		N			UNDER GROUND	HORIZONTAL				
	622	007		N			ABOVE GROUND	HORIZONTAL	BLACK	GOOD	BLACK	GOOD
	633A	004		N			ABOVE GROUND	HORIZONTAL	GRAY	POOR	GRAY	GOOD
		031		N			ABOVE GROUND	HORIZONTAL	BLACK	GOOD	BLACK	GOOD
	635	008		N			ABOVE GROUND	HORIZONTAL	LIGHT GREY	GOOD	LIGHT GREY	GOOD
	686	001		N			ABOVE GROUND	VERTICAL				
		002		N			ABOVE GROUND	VERTICAL				
		003		N			ABOVE GROUND	VERTICAL				
		004		N			ABOVE GROUND	VERTICAL				
	709	001		N			ABOVE GROUND	HORIZONTAL	SILVER	GOOD	SILVER	GOOD
	711	001		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
		002		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
		003		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	739	001		N			ABOVE GROUND	HORIZONTAL	SILVER	GOOD	SILVER	GOOD
		002		N			ABOVE GROUND	HORIZONTAL	SILVER	GOOD	SILVER	GOOD
	747	001		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
		002		N			ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	759A	001		N			ABOVE GROUND	HORIZONTAL	BLACK	GOOD	BLACK	GOOD
	759B	001		N			ABOVE GROUND	HORIZONTAL	BLACK	GOOD	BLACK	GOOD

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
R	609	010			NONE		ABOVE GROUND	VERTICAL	GREEN	GOOD	GREEN	GOOD
	625	002			NONE		ABOVE GROUND	HORIZONTAL			SILVER, DULL	EXCEL
		004			NONE		ABOVE GROUND	VERTICAL			SILVER, DULL	POOR
	626	005			NONE		ABOVE GROUND	HORIZONTAL	BLACK	GOOD	BLACK	GOOD
	705	001			NONE		ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
	711	001		N	N/A		ABOVE GROUND	HORIZONTAL	WHITE	GOOD	WHITE	GOOD
	716	001			NONE		UNDER GROUND	HORIZONTAL				
	722	001	.0E+00		NONE		UNDER GROUND	HORIZONTAL				
	737	001			NONE		UNDER GROUND	HORIZONTAL				
	740	001			NONE		UNDER GROUND	HORIZONTAL				
	742	001			NONE		UNDER GROUND	HORIZONTAL				
	743	001			NONE		UNDER GROUND	HORIZONTAL				
	749	001			NONE		UNDER GROUND	HORIZONTAL				
	752	001			NONE		UNDER GROUND	HORIZONTAL				

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
TAN	607	047			NONE		UNDER GROUND	HORIZONTAL				
	610	001			NONE		ABOVE GROUND	HORIZONTAL			YELLOW	
	652	002					ABOVE GROUND	HORIZONTAL				
	665	001			NONE		ABOVE GROUND	HORIZONTAL	YELLOW			
	675	011			N/A		UNDER GROUND	HORIZONTAL				
		012			N/A		ABOVE GROUND	HORIZONTAL			WHITE	GOOD
		013		N	N/A		ABOVE GROUND	HORIZONTAL			WHITE	GOOD
		021			N/A		UNDER GROUND	HORIZONTAL				
		024			N/A		UNDER GROUND	HORIZONTAL				
	679	013			N/A		UNDER GROUND	HORIZONTAL				
		069		N	N/A		ABOVE GROUND	HORIZONTAL			WHITE	GOOD
		084					ABOVE GROUND	HORIZONTAL			WHITE	GOOD
	681	004			N/A		UNDER GROUND	HORIZONTAL				
	687	008			NONE		ABOVE GROUND	HORIZONTAL				
	702	001					ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GREY	GOOD
		002					ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GREY	GOOD
	704	001					ABOVE GROUND	VERTICAL	FLAT SILVER	GOOD	FLAT SILVER	GOOD
	724	001					ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GREY	GOOD
		002			N/A		ABOVE GROUND	VERTICAL	WHITE	GOOD	LIGHT GREY	GOOD
	738	001					UNDER GROUND	HORIZONTAL				
	753	001					UNDER GROUND	HORIZONTAL				
	759	001					ABOVE GROUND	HORIZONTAL	LT. BLUE	FAIR	LT. BLUE	POOR
	766	001			NONE		UNDER GROUND	HORIZONTAL				
		002										
	767A	001			NONE		UNDER GROUND	HORIZONTAL				
	767B	001			NONE		UNDER GROUND	HORIZONTAL				
	783	001					UNDER GROUND	HORIZONTAL				
	787	001					UNDER GROUND	HORIZONTAL				
	792	001					UNDER GROUND	HORIZONTAL				

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
N	794	001		N			UNDER GROUND	HORIZONTAL				
	797	001		N			UNDER GROUND	HORIZONTAL				

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
TRA	619	006					ABOVE GROUND	HORIZONTAL				
	633	002					ABOVE GROUND	HORIZONTAL				
	640	004			N/A		ABOVE GROUND	HORIZONTAL				
	670	044					UNDER GROUND	HORIZONTAL				
		047					ABOVE GROUND	HORIZONTAL				
		048			N/A		ABOVE GROUND	VERTICAL				
		054			N/A		ABOVE GROUND	HORIZONTAL				
	674	005			N/A		ABOVE GROUND	HORIZONTAL				
	675	001			N/A		ABOVE GROUND	HORIZONTAL				
		002			N/A		ABOVE GROUND	HORIZONTAL				
	707	001					UNDER GROUND	HORIZONTAL				
	727	001					ABOVE GROUND	HORIZONTAL				
		002					ABOVE GROUND	HORIZONTAL				
		003					ABOVE GROUND	VERTICAL	FLAT SILVER	ALUM	FLAT SILVER	ALUMI
		004					ABOVE GROUND	VERTICAL	FLAT SILVER	ALUM	FLAT SILVER	ALUMI
	775	001					ABOVE GROUND	VERTICAL				

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
F	603	002			N/A		ABOVE GROUND	HORIZONTAL				

Update Survey for AIR EMISSIONS INVENTORY INORGANIC STORAGE TANKS - 1993
PART I

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
ANL	757A	002	6.0E+03	.5		3.5E+00	4.0E+03	7.0E+00	1.6E+01	FIXED ROOF	93% SULFURIC ACID	OUTSIDE BUILDING
	768	097	2.1E+03	.5	20	2.0E+00	2.0E+03	5.0E+00	1.5E+01	FIXED ROOF	93% SULFURIC ACID	OUTSIDE BUILDING
		134	7.5E+02	.5		2.5E+00	2.0E+03	5.0E+00	1.2E+01	FIXED ROOF	POTASSIUM HYDROXIDE	OUTSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
	012	001	2.4E+04				6.7E+03			VARIABLE VAPOR	SULFURIC ACID	INSIDE BUILDING
	601	002	.0E+00	.0		1.0E+01	3.3E+03	7.5E+00	1.0E+01	FIXED ROOF	HYDROFLUORIC ACID	INSIDE BUILDING
		009	6.5E+02	.5		1.5E+00	3.1E+02	3.0E+00	6.0E+00	FIXED ROOF	AMMONIUM HYDROXIDE	INSIDE BUILDING
		010	.0E+00	.0		1.0E+01	3.3E+03	7.5E+00	1.0E+01	FIXED ROOF	HYDROFLUORIC ACID	INSIDE BUILDING
		013					7.9E+00	8.3E-01	3.7E+00	FIXED ROOF	AMMONIUM HYDROXIDE	INSIDE BUILDING
	604	011										
	633	021										
	637	045	1.2E+03	.2		2.8E+00	2.0E+03	5.0E+00	1.0E+01	FIXED ROOF	ZIRCONIUM DISSOLUTIO	OUTSIDE BUILDING
	640	001	6.3E+02	.4		1.2E+00	2.6E+01	1.5E+00	2.0E+00	FIXED ROOF	FLUOBORIC ACID	INSIDE BUILDING
		002	1.9E+03	.7		6.5E-01	4.7E+01	2.0E+00	2.0E+00	FIXED ROOF	BORIC ACID/ALUMINUM	INSIDE BUILDING
		003	6.3E+02	.7		1.6E+00	4.7E+02	4.0E+00	5.0E+00	FIXED ROOF	HYDROFLUORIC ACID	INSIDE BUILDING
		004	7.9E+02	.7		1.3E+00	5.9E+02	5.0E+00	4.0E+00	FIXED ROOF	ALUMINUM NITRATE	INSIDE BUILDING
		005	.0E+00	.0		5.0E+00	1.2E+02	2.0E+00	5.0E+00	FIXED ROOF	BORIC ACID	INSIDE BUILDING
		006	3.2E+02	.3		2.9E+00	5.9E+02	5.0E+00	4.0E+00	FIXED ROOF	NITRIC ACID	INSIDE BUILDING
		007	7.9E+02	.3		4.1E+00	1.3E+03	6.0E+00	6.0E+00	FIXED ROOF	BORIC ACID	INSIDE BUILDING
	719A	001	6.4E+04	.9		9.3E-01	3.0E+04	1.8E+01	1.8E+01	FIXED ROOF	NITRIC ACID	OUTSIDE BUILDING
	719B	001	6.4E+04	.9		1.1E+00	1.8E+04	1.0E+01	3.3E+01	FIXED ROOF	NITRIC ACID	OUTSIDE BUILDING
	720A	001	4.8E+04	.9		1.4E+00	1.6E+04	1.7E+01	3.8E+01	FIXED ROOF	ALUMINUM NITRATE	OUTSIDE BUILDING
	720B	001	4.8E+04	1.0		2.7E-01	6.2E+03	1.0E+01	1.2E+01	FIXED ROOF	ALUMINUM NITRATE	OUTSIDE BUILDING
	720C	001	4.8E+04	1.0		2.7E-01	6.2E+03	1.1E+01	1.2E+01	FIXED ROOF	ALUMINUM NITRATE	OUTSIDE BUILDING
	727	002	6.0E+04	.8		2.2E+00	9.0E+03	9.0E+00	2.1E+01	FIXED ROOF	HYDROFLOURIC ACID	OUTSIDE BUILDING
		003	6.0E+04	.8		2.2E+00	9.0E+03	9.0E+00	2.1E+01	FIXED ROOF	HYDROFLOURIC ACID	OUTSIDE BUILDING
	757	001	.0E+00				1.3E+04			FIXED ROOF	FLUOBORIC ACID	OUTSIDE BUILDING
	798	001	7.0E+02	1.0		1.0E-01	1.6E+02	1.5E+00	5.0E+00	FIXED ROOF	HYDROFLUORIC ACID	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
NRF	633A	064	9.1E+03	.5		3.0E+00	4.0E+03	6.0E+00	2.1E+01	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDING
	743	001	9.7E+03	.5		3.7E+00	8.0E+03	8.0E+00	2.2E+01	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDING
	745	001	2.1E+03	.5		3.0E+00	6.8E+03	7.5E+00	2.4E+01	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDING
		002	4.0E+03	.5		3.0E+00	6.8E+03	7.5E+00	2.4E+01	FIXED ROOF	SODIUM HYDROXIDE	OUTSIDE BUILDING

EA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
R	620	001	.0E+00	.5		1.8E+00	2.5E+02	3.5E+00	8.0E+00	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDING
	624	005	1.5E+02	.5		1.5E+00	4.0E+02	3.0E+00	7.0E+00	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDING

AREA	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
TAN	771	001	5.0E+02	.5		1.8E+00	5.0E+02	3.5E+00	7.0E+00	FIXED ROOF	SULFURIC ACID	OUTSIDE BUILDING

A	BLDG	VENT	Annual Thru Put (gal/yr)	Ave. % Full	Fill Rate (gal/ min)	Vapor Space Height (ft)	Capacity (gal)	Tank Dia. (ft)	Tank Length (ft)	Tank Type	Material Stored	Tank Location
	608	005	9.5E+03	.5		5.0E+00	2.5E+02	3.5E+00	4.5E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
		008	9.5E+03	.5		5.0E+00	2.0E+02	2.3E+00	4.4E+00	FIXED ROOF	SODIUM HYDROXIDE	INSIDE BUILDING
		012	.0E+00	.0		.0E+00	2.5E+02	3.5E+00	4.5E+00	FIXED ROOF	SODIUM HYDROXIDE	INSIDE BUILDING
		013	.0E+00	.0		.0E+00	2.5E+02	3.5E+00	4.5E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
	617	006		.5		2.7E+00	1.5E+03	5.4E+00	9.4E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
	671	004	2.8E+04	.8		4.4E+00	1.5E+03	5.4E+00	9.4E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
		006	.0E+00	.0		.0E+00	1.5E+03	5.4E+00	9.4E+00	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
	677	001	3.3E+04	.5		6.0E+00	9.0E+03	1.2E+01	1.3E+01	FIXED ROOF	SULFURIC ACID	INSIDE BUILDING
		002	2.0E+04	.5		6.0E+00	9.0E+03	1.2E+01	1.3E+01	FIXED ROOF	SODIUM HYDROXIDE	INSIDE BUILDING

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
ANL	757A	002					ABOVE GROUND	HORIZONTAL	GRAY	GOOD	GRAY	GOOD
	768	097		N	NONE		ABOVE GROUND	HORIZONTAL			DARK BLUE	GOOD
		134		N			ABOVE GROUND	HORIZONTAL	GRAY	GOOD	GRAY	GOOD

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
P	012	001			GROTH SILICA GEL FIL	80.00	ABOVE GROUND	HORIZONTAL				
	601	002			N/A		ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
		009			N/A		ABOVE GROUND	HORIZONTAL	SILVER		SILVER	
		010			N/A		ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
		013			N/A		ABOVE GROUND	VERTICAL	SILVER	N/A	SILVER	N/A
	604	011										
	633	021										
	637	045					ABOVE GROUND	HORIZONTAL	SILVER	GOOD	SILVER	GOOD
	640	001			N/A		ABOVE GROUND	VERTICAL	SILVER	N/A	SILVER	N/A
		002			N/A		ABOVE GROUND	VERTICAL	WHITE	GOOD	WHITE	GOOD
		003			N/A		ABOVE GROUND	VERTICAL	SILVER	N/A	WHITE	GOOD
		004			N/A		ABOVE GROUND	VERTICAL	SILVER		WHITE	GOOD
		005			N/A		ABOVE GROUND	VERTICAL	SILVER	N/A	SILVER	N/A
		006			N/A		ABOVE GROUND	VERTICAL	SILVER	N/A	WHITE	GOOD
		007			N/A		ABOVE GROUND	VERTICAL	SILVER		WHITE	GOOD
	719A	001			N/A		ABOVE GROUND	VERTICAL	SILVER, DULL	BAD	SILVER, DULL	BAD
	719B	001			N/A		ABOVE GROUND	HORIZONTAL	SILVER, DULL	BAD	SILVER, DULL	BAD
	720A	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	720B	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	720C	001			N/A		ABOVE GROUND	VERTICAL	SILVER	GOOD	SILVER	GOOD
	727	002					ABOVE GROUND	HORIZONTAL	WHITE	BAD	WHITE	BAD
		003					ABOVE GROUND	HORIZONTAL	WHITE	BAD	WHITE	BAD
	757	001					ABOVE GROUND	HORIZONTAL				
	798	001			N/A		ABOVE GROUND	VERTICAL	GRAY	GOOD	GRAY	GOOD

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
NRF	633A	064	3.7E+02	N	NONE		UNDER GROUND	HORIZONTAL				
	743	001		N	N/A		ABOVE GROUND	HORIZONTAL	GREY	GOOD	GREY	GOOD
	745	001		N	NONE		ABOVE GROUND	HORIZONTAL	GREY	POOR	GREY	POOR
		002		N	NONE		ABOVE GROUND	HORIZONTAL	GREY	POOR	GREY	POOR

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
R	620	001			NONE		ABOVE GROUND	HORIZONTAL	YELLOW		YELLOW	EXCEL
	624	005			NONE		ABOVE GROUND	HORIZONTAL			YELLOW	GOOD

AREA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
TAN	771	001			NONE		ABOVE GROUND	HORIZONTAL	SILVER	GOOD		

EA	BLDG	VENT	Air Flow Rate (ft^3/min)	J	Vapor Recovery Method	% Recover Eff	Tank Location	Orient.	Roof Color	Roof Cond	Shell Color	Shell Cond.
A	608	005					ABOVE GROUND	VERTICAL				
		008					ABOVE GROUND	VERTICAL				
		012					ABOVE GROUND	VERTICAL				
		013					ABOVE GROUND	VERTICAL				
	617	006			N/A		ABOVE GROUND	HORIZONTAL				
	671	004			N/A		ABOVE GROUND	HORIZONTAL				
		006			N/A		ABOVE GROUND	HORIZONTAL				
	677	001		N	N/A		ABOVE GROUND	VERTICAL				
		002		N	N/A		ABOVE GROUND	VERTICAL				

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
ANL	704	008	HEPA FILTERS-2 BANKS	PARTICULATE	99.97
	720	027	HEPA FILTER	PARTICULATE	99.97
	752	004	HEPA FILTERS	PARTICULATE	99.97
		005	HEPA FILTER BANKS	PARTICULATE	99.97
	753	006	6 20"X20"X1" FILTERS	PARTICULATE	90.00
		029	FILTER	PARTICULATE	87.00
	764	001	HEPA FILTERS	PARTICULATE	99.97
	768	105	HEPA FILTER	PARTICULATE	99.97
		108	HEPA FILTER	PARTICULATE	99.97
	768B	121	HEPA FILTER	PARTICULATE	99.97
	774	008	HEPA BANK	PARTICULATE	99.97
		025	HEPA FILTER	PARTICULATE	99.97
	777	002	HEPA FILTER	PARTICULATE	99.97
		002	HEPA FILTER	PARTICULATE	99.70
		002	SAND/GRAVEL		
	785	011	HEPA FILTER	PARTICULATE	99.97
		018	HEPA FILTER	PARTICULATE	99.97
	787	001	HEPA FILTER	PARTICULATE	99.97
	788	014	FILTER	PARTICULATE	90.00
	793	001	HEPA FILTER	PARTICULATE	99.97
		011	HEPA FILTERS	PARTICULATE	99.97
	798	017	6 BAGOUT TYPE HEPA BANKS	PARTICULATE	99.97
	799	003	HEPA FILTER	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
B21	608	012	FABRIC FILTER	PB	95.00

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
CFA	623	005	BINKS TYPE FILTER	PARTICULATE	90.00
		017	BINKS TYPE FILTER	PARTICULATE	90.00
	625	010	HEPA FILTERS	PARTICULATE	99.97
	633	067	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
CPP	012	001	SILICA GEL CARTRIDGE	MOISTURE	80.00
	1608	001	HEPA FILTER #1	PARTICULATE	99.97
		001	HEPA FILTER #2	PARTICULATE	99.95
	1646	001	HEPA FILTER	PARTICULATE	99.97
		001	HEPA FILTER	PARTICULATE	99.97
	602	014	HEPA FILTER	PARTICULATE	99.97
		014	HEPA	RADIONUCLIDE	99.97
		031	SCRUBBER	PERCHLORIC ACID	
		031	WATER WASH SYSTEM	PERCHLORIC ACID	
	603	001	PREFILTER	PARTICULATE	60.00
		001	HEPA FILTER	PARTICULATE	99.97
	627	007	HEPA FILTER	PARTICULATE	99.97
		008	HEPA FILTER	PARTICULATE	99.97
		008	HEPA FILTER #2	PARTICULATE	99.97
		008	PRE-FILTER #3	PARTICULATE	60.00
		008	HEPA FILTER #4	PARTICULATE	99.97
		008	HEPA FILTER #5	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97
		013	HEPA FILTER	PARTICULATE	99.97
		016	HEPA FILTER	PARTICULATE	99.97
	630	011	DUAL HEPA FILTERS	PARTICULATE	99.97
		012	HEPA FILTER	PARTICULATE	99.97
	637	032	HEPA FILTER	PARTICULATE	99.97
		032	VENTURI SCRUBBER		
		032	CYCLONE (2)	PARTICULATE	
		032	CONDENSERS		
		032	SINTERAL METAL FILTERS	PARTICULATE	100.00
		032	HEPA FILTER	PARTICULATE	99.97
		034	HEPA FILTER	PARTICULATE	99.97
		034	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
CPP	637	034	SCRUBBER (ALUMINUM NITRATE)	URANIUM	99.99
		034	SCRUBBER (ALUMINUM NITRATE)	HYDROFLUORIC ACID	90.00
		034	CONDENSER	URANIUM	99.97
		035	HEPA FILTER	PARTICULATE	99.97
		035	SINTERED METAL FILTER	PARTICULATE	100.00
		036	ALUMINUM NITRATE SCRUBBER	HYDROFLUORIC ACID	40.00
		042	HEPA FILTER	PARTICULATE	99.97
		042	SINTERED METAL FILTER	PARTICULATE	100.00
		052	HEPA FILTER	PARTICULATE	99.97
		053	HEPA FILTER	PARTICULATE	99.97
		058	HEPA FILTER	PARTICULATE	99.97
	648	002	HEPA FILTER	PARTICULATE	99.97
	659	033	HEPA FILTERS	PARTICULATE	99.97
		033	DEMISTER	VOC VAPORS	90.00
	663	002	HEPA FILTERS	NOTE #1	99.97
	684	001	HEPA FILTERS	PARTICULATE	99.97
	687	010	PULSE JET BAGHOUSE	PARTICULATE	99.80
		011	PULSE JET BAGHOUSE	PARTICULATE	99.80
		033	PULSE JET BAGHOUSE	PARTICULATE	99.80
		034	PULSE JET BAGHOUSE	PARTICULATE	99.80
	694	007	HEPA FILTER	PARTICULATE	99.97
		008	HEPA FILTER	PARTICULATE	99.97
		009	HEPA FILTER	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97
	708	001	HEPA FILTER (FROM SOG)	PARTICULATE	99.97
		001	HEPA FILTER (FROM 604,633,SOG)	PARTICULATE	99.97
		001	DEEP BED FIBERGLASS PREFILTER	PARTICULATE	90.00
		001	SCRUBBER (FROM 601, E-DOG)		
		001	DEMISTER (FROM 604, E-DOG)	ACIDS, LIQUIDS	
		001	HEPA FILTER (FROM 601, E-DOG)	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
CPP	708	001	FIBERGLASS PACKED PREFILTER	PARTICULATE	90.00
		001	DEMISTER (FROM 604, VOG)	ACIDS, LIQUIDS	
		001	HEPA FILTER (FROM 601, E-DOG)	PARTICULATE	99.95
		001	HEPA FILTER	PARTICULATE	99.97
		001	DEMISTER (FROM 604, E-DOG)		
		001	SUPER HEATER (FROM 601, E-DOG)		
		001	SUPER HEATER (FROM 604, V06)		
		001	HEPA FILTER (FROM 604, V06)	PARTICULATE	99.97
		001	RARE GAS PLANT (FROM DOG, 604)		
		001	DEMISTER (FROM 604, DOG, CPM)		
		001	SUPER HEATER (FROM 604, DOG, CPM)		
		001	HEPA FILTER (FROM 604, CPM, DOG)	PARTICULATE	99.97
		001	CYCLONES (FROM WCF-POG)		
		001	SCRUBBERS (FROM WCF-POG)		
		001	ADSORBERS (FROM WCF-POG)		
		001	HEPA FILTER (FROM WCF-POG-633)	PARTICULATE	99.97
		001	CONDENSER/DEMISTER (FROM VOG, DOG,		
		001	SUPERHEATER/FIBERGLASS PACKED PREF	PARTICULATE	90.00
		001	FINAL HEPA FILTER (VOG, DOG, CPM,L	PARTICULATE	99.97
	727	002	CAUSTIC SCRUBBER	HYDROFLUORIC ACID	99.00
	765	003	HEPA FILTER	PARTICULATE	99.97
		003	HEPA FILTER	PARTICULATE	99.97
		003	OFF GAS PREFILTER	PARTICULATE	
		003	OFF GAS FILTER	PARTICULATE	
	787	001	REVERSE AIR CLEANING BAGHOUSE	PARTICULATE	99.80
	791	004	OFF GAS PREFILTER	PARTICULATE	
		004	OFF GAS HEPA	PARTICULATE	99.97
		004	OFF GAS HEPA	PARTICULATE	99.95
		005	HEPA FILTER	PARTICULATE	99.97
		005	OFF GAS PREFILTER	PARTICULATE	

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
CPP	791	005	OFF GAS HEPA	PARTICULATE	99.95
		005	HEPA FILTER	PARTICULATE	99.97
		005	OFF GAS HEPA FILTER	PARTICULATE	99.97
		006	HEPA FILTER	PARTICULATE	99.97
		006	OFF GAS PREFILTER	PARTICULATE	
		006	OFF GAS HEPA	PARTICULATE	99.95
		006	HEPA FILTER	PARTICULATE	99.97
		006	OFF GAS HEPA	PARTICULATE	99.97
	792	001	PULSE JET DUST COLLECTOR	PARTICULATE	99.80
		002	CYCLONE	PARTICULATE	99.00
		002	CYCLONE	PARTICULATE	99.00
		002	BAG FILTER	PARTICULATE	99.50
		003	CYCLONE	PARTICULATE	99.00
		003	CYCLONE	PARTICULATE	99.00
		003	BAG FILTER	PARTICULATE	99.50
	793	002	PULSE JET DUST COLLECTOR	PARTICULATE	99.80
	794	001	FABRIC FILTER DUST COLLECTOR	PARTICULATE	99.80
		001	FABRIC FILTER DUST COLLECTOR	PARTICULATE	99.80

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
NRF	601	023	PREFILTER	PARTICULATE	80.00
		023	HEPA FILTER	PARTICULATE	99.90
		023	MIST EXTRACTOR	MIST - WATER	100.00
	601A	019	HEPA	PARTICULATE	99.95
	601C	019	HEPA	PARTICULATE	99.95
	601F	019	HEPA	PARTICULATE	99.95
	602	008	FURNACE FILTER	PARTICULATE	80.00
		023	FILTER	PARTICULATE	80.00
	616	039	HEPA FILTER	PARTICULATE	99.90
	616A	002	HEPA FILTER	PARTICULATE	99.97
	617	013	PREFILTER	PARTICULATE	80.00
		013	HEPA FILTER	PARTICULATE	99.90
	618	099	CARBON	VOC-NONMETHANE	99.90
		099	PREFILTER	PARTICULATE	80.00
		099	HEPA	PARTICULATE	99.95
		103	CARBON	VOC-NONMETHANE	99.90
		103	HEPA	PARTICULATE	99.95
		103	PREFILTER	PARTICULATE	80.00
	628A	006	HEPA FILTER	PARTICULATE	99.97
	631	101	HEPA FILTER	PARTICULATE	99.97
	633A	057	HEPA FILTER	PARTICULATE	99.95
	759A	001	CONSERVATION VENT	VOC VAPORS	75.00
	759B	001	CONSERVATION VENT	VOC VAPORS	75.00

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
PER	620	016	HEPA FILTER	PARTICULATE	99.97
		041	HEPA FILTER	PARTICULATE	99.97
	622	003	HEPA FILTER	PARTICULATE	99.97
	755	001	BAGHOUSE	PARTICULATE	90.00
		001	HEPA FILTER		
	756	001	HEPA FILTER		
	765	001	BAGHOUSE	PARTICULATE	90.00
		001	BAGHOUSE	PARTICULATE	90.00
		001	HEPA FILTER		

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
TAN	606	005	CYCLONE DUST COLLECTOR	SAWDUST	84.00
	607	039	HEPA FILTERS	PARTICULATE	99.97
		059	HEPA FILTER	PARTICULATE	99.97
		066	HEPA FILTER	PARTICULATE	99.97
		107	HEPA FILTERS	PARTICULATE	99.97
		119	HEPA FILTERS	PARTICULATE	99.97
		136	HEPA FILTERS	PARTICULATE	99.97
	610	002	AIR CLEANER		
	629	012	HEPA FILTER	PARTICULATE	99.97
		012	DUST COLLECTOR	PARTICULATE	99.00
		012	DRY FILTERS	PARTICULATE	75.00
		012	HEPA	RADIONUCLIDE	99.97
		012	DUST COLLECTOR	PARTICULATE	99.00
		013	HEPA FILTERS	PARTICULATE	99.97
		014	HEPA FILTERS	PARTICULATE	99.97
		014	DUST COLLECTOR	PARTICULATE	99.00
		014	DRY FILTERS	PARTICULATE	75.00
		014	HEPA	RADIONUCLIDE	99.97
		014	DUST COLLECTOR	PARTICULATE	99.00
	636	002	FURNACE FILTER	PARTICULATE	80.00
	650	007	HEPA FILTER	PARTICULATE	99.97
		010	HEPA FILTER	PARTICULATE	99.97
	675	035	OXYGEN TRIM	NITROGEN OXIDES	11.00
		037	OXYGEN TRIM	NITROGEN OXIDES	11.00
	679	022	HEPA FILTERS	PARTICULATE	99.97
		023	HEPA FILTER	PARTICULATE	99.97
		024	HEPA FILTERS	PARTICULATE	99.97
		025	HEPA FILTER	PARTICULATE	99.97
		026	HEPA FILTERS	PARTICULATE	99.97
		027	HEPA FILTERS	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
TAN	679	067	OXYGEN TRIM	NITROGEN OXIDES	11.00
		068	OXYGEN TRIM	NITROGEN OXIDES	11.00
	681	012	SCRUBBER	NITROGEN OXIDES	50.00
		012	HEPA FILTERS	PARTICULATE	99.97
		018	HEPA FILTERS	PARTICULATE	99.97
		020	HEPA FILTERS	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
TRA	604	035	HEPA FILTER	PARTICULATE	99.97
	632	019	HEPA FILTER	PARTICULATE	99.97
		019	PREFILTER	PARTICULATE	60.00
		019	AGX ABSORBER	IODINE	
		030	HEPA FILTER	PARTICULATE	99.97
		030	PREFILTER	PARTICULATE	60.00
		030	AGX ABSORBER	IODINE	
		041	PREFILTER	PARTICULATE	60.00
		041	HEPA FILTER #1	PARTICULATE	99.97
		041	CHARCOAL FILTER	IODINE	
		041	HEPA FILTER #2	PARTICULATE	99.97
	660	004	HEPA FILTER	PARTICULATE	99.97
	661	008	HEPA FILTER	PARTICULATE	99.97
		008	PRE-FILTER	PARTICULATE	
	670	074	HEPA FILTER	PARTICULATE	99.97
		086	HEPA	PARTICULATE	99.97
		086	FURNACE FILTER	PARTICULATE	80.00
		098	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Control Type	Pollutant	% Eff.
WMF	601	009	HEPA FILTERS	PARTICULATE	99.97
	615	001	HEPA FILTER	PARTICULATE	99.97
	640	001	HEPA FILTER	PARTICULATE	99.97
	700	002	HEPA FILTER	PARTICULATE	99.97

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
ANL	704	008	HOMEMADE	NONE	RADIONUCLIDE	N	
	752	004	RMS EBERLINE	N/A		Y	
	764	001	EBERLINE	SPING	RADIONUCLIDE	Y	
	774	025	N/A	N/A	CS-137	Y	
	793	001	HOMEMADE	NONE	RADIONUCLIDE	N	
		001	NONE	NONE	RADIONUCLIDE	Y	
	798	017	N/A	N/A	CS-137	Y	
		017	EBERLINE	SPING	RADIONUCLIDE	Y	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
CFA	617	031	HOMEMADE	NONE	RADIONUCLIDE	N	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
CPP	603	001	NONE	NONE	RADIONUCLIDE	Y	
	627	010	EBERLINE	NONE	RADIONUCLIDE	Y	
		013	N/A	N/A	CS-137	Y	
	659	033	N/A	N/A	CS-137	Y	
		033	N/A	N/A			
	765	003	N/A	CAM-WS5-02	RADIONUCLIDE	Y	
	767	001	HOMEMADE	NONE	RADIONUCLIDE	N	
	791	004	N/A	R-WSG-791-1	RADIONUCLIDE	Y	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
NRF	601	023	RADECO	HD-28 A/B		Y	
	601C	019	RADECO	HD-28 A/B	RADIONUCLIDE	Y	
	601F	019	RADECO	HD-28 A/B	RADIONUCLIDE	Y	
	616	039	RADECO	HD-28 A/B		Y	
	616A	002	RADECO	HD-28 A/B	PARTICULATE	Y	
	616B	006	RADECO	HD-28 A/B	RADIONUCLIDE	Y	
	617	013	RADECO	HD-28 A/B		Y	
		013			TRITIUM		
	618	027	RADECO	HD-28 A/B		Y	
		035	RADECO	HD-28 A/B		Y	
		039	RADECO	HD-28 A/B		Y	
		099	NUCLEAR MEAS	BAM-22 BA	RADIONUCLIDE	Y	
		103	NRF/ECF	N/A		Y	
	620	012	ENERGY EFFICIENCY SYSTEMS	2000		N	1.00
		013	ENERGY EFFICIENCY SYSTEMS	2000		N	1.00
		014	ENERGY EFFICIENT SYSTEMS	2000		N	1.00
	628A	003			TRITIUM		
		003	RADECO	HB-28 A/B		Y	
		006	RADECO	HD-28 A/B		Y	
		006			TRITIUM		
	631	101	RADECO	HB-28 A/B		Y	
	633A	057	RADECO	HD-28 A/B		Y	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
PER	755	001	EBERLINE	AMS-3	RADIONUCLIDE	Y	
	756	001	EBERLINE	AMS-3A	RADIONUCLIDE	Y	
	765	001	EBERLINE	AMS-3A	RADIONUCLIDE	Y	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
TAN	607	039	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		119	EBERLINE	AMS-3	RADIONUCLIDE	Y	
	609	014	HOMEMADE	NONE	RADIONUCLIDE	N	
	629	012	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		013	EBERLINE	AMS-3	RADIONUCLIDE	Y	
		014	EBERLINE	AMS-3	RADIONUCLIDE	Y	
	679	022	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		023	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		024	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		025	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE		
		026	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		027	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
	681	012	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE		
		018	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	
		020	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
TRA	632	019	EBERLINE	PING II	RADIONUCLIDE	Y	
		030	EBERLINE	PING II	RADIONUCLIDE	Y	
		041	EBERLINE	PING II	RADIONUCLIDE	Y	
	661	008	HOMEMADE	NONE	RADIONUCLIDE	N	
	710	001	EBERLINE	PING II	RADIONUCLIDE	Y	
	770	001	EBERLINE	PING II	RADIONUCLIDE	Y	

AREA	BLDG	VENT	Manufacturer	Model	Pollutant	C	Freq.
WMF	615	001	EBERLINE	AMS-3 (BETA)	RADIONUCLIDE	Y	