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1994 Tier Two Emergency and Hazardous Chemical Inventory

Emergency Planning and Community Right-To-Know Act Section 312

Date Published
March 1995

United States
Department of Energy
P.O. Box 550
Richland, Washington 99352

MAR 1995
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Approved for Public Release

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1994 Tier Two Emergency and Hazardous Chemical Inventory

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1994 Tier Two Emergency and
Hazardous Chemical Inventory

Section I:

Delegation of Signature Authority

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RL-F-1325.6# DEF012
(05/92)

United States Government | Department of Energy

memorandum

Richland Field Office

DATE: JAN 04 1993

REPLY TO ATTN OF: EAP:EBD 93-RPA-071

SUBJECT: DELEGATION OF SIGNATURE AUTHORITY FOR THE EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY REPORT (SARA 312)

TO: James D. Bauer, Acting Program Manager
Office of Environmental Assurance,
Permits, and Policy

I hereby delegate signature authority for the Emergency and Hazardous Chemical Inventory Report (SARA 312) to the Program Manager, Office of Environmental Assurance, Permits, and Policy.

Pursuant to 40 CFR Section 370.41, Tier II Emergency and Hazardous Chemical Inventory Form, part (b), signature authority may be delegated to the manager's officially designated representative. This memorandum constitutes formal delegation of such authority to the Program Manager, Office of Environmental Assurance, Permits, and Policy.

Sincerely,

John D. Wagoner

John D. Wagoner
Manager

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JIN 20 2

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1994 Tier Two Emergency and Hazardous Chemical Inventory

Section II:

Tier Two Instructions

Tier Two Instructions

General Information

Submission of this Tier Two form (when requested) is required by Title III of the Superfund Amendments and Reauthorization Act of 1986, Section 312, Public Law 99–499, codified at 42 U.S.C. Section 11022. The purpose of this Tier Two form is to provide State and local officials and the public with specific information on hazardous chemicals present at your facility during the past year.

Certification

The owner or operator or the officially designated representative of the owner or operator must certify that all information included in the Tier Two submission is true, accurate, and complete. On the first page of the Tier Two report, enter your full name and official title. Sign your name and enter the current date. Also, enter the total number of pages included in the Confidential and Non-Confidential Information Sheets as well as all attachments. An original signature is required on at least the first page of the submission. Submissions to the SERC, LEPC, and fire department must each contain an original signature on at least the first page. Subsequent pages must contain either an original signature, a photocopy of the original signature, or a signature stamp. Each page must contain the date on which the original signature was affixed to the first page of the submission and the total number of pages in the submission.

You Must Provide All Information Requested on This Form to Fulfill Tier Two Reporting Requirements

This form may also be used as a worksheet for completing the Tier One form or may be submitted in place of the Tier One form.

Who Must Submit This Form

Section 312 of Title III requires that the owner or operator of a facility submit this Tier Two form if so requested by a State emergency response commission, a local emergency planning committee, or a fire department with jurisdiction over the facility.

This request may apply to the owner or operator of any facility that is required, under regulations implementing the Occupational Safety and Health Act of 1970, to prepare or have available a Material Safety Data Sheet (MSDS) for a hazardous chemical present at the facility. MSDS requirements are specified in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, found in Title 29 of the Code of Federal Regulations at §1910.1200.

This form does not have to be submitted if all of the chemicals located at your facility are excluded under Section 311(e) of Title III.

What Chemicals are Included

If you are submitting Tier Two forms in lieu of Tier One, you must report the required information on this Tier Two form for each hazardous chemical present at your facility in quantities equal to or greater than established threshold amounts (discussed below), unless the chemicals are excluded under Section 311(e) of Title III. Hazardous chemicals are any substance for which your facility must maintain an MSDS under OSHA's Hazard Communication Standard.

If you elect to submit Tier One rather than Tier Two, you may still be required to submit Tier Two information upon request.

What Chemicals are Excluded

Section 311(e) of Title III excludes the following substances:

(i) Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration;

(ii) Any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use;

(iii) Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;

(iv) Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual;

(v) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.

OSHA regulations, §1910.1200(b), stipulate exemptions from the requirement to prepare or have available an MSDS.

Reporting Thresholds

Minimum thresholds have been established for Tier One/Tier Two reporting under Title III, Section 312. These thresholds are as follows:

For Extremely Hazardous Substances (EHSs) designated under section 302 of Title III, the reporting threshold is 500 pounds (or 227 kg.) or the threshold planning quantity (TPQ), whichever is lower;

For all other hazardous chemicals for which facilities are required to have or prepare an MSDS, the minimum reporting threshold is 10,000 pounds (or 4,540 kg.).

You need to report hazardous chemicals that were present at your facility at any time during the previous calendar year at levels that equal or exceed these thresholds. For instructions on threshold determinations for components of mixtures, see "What About Mixtures?" on page 2 of these instructions.

A requesting official may limit the responses required under Tier Two by specifying particular chemicals or groups of chemicals. Such requests apply to hazardous chemicals regardless of established thresholds.

Instructions

Please read these instructions carefully. Print or Type all Responses

When to Submit This Form

Owners or operators of facilities that have hazardous chemicals on hand in quantities equal to or greater than set threshold levels must submit either Tier One or Tier Two forms by March 1.

If you choose to submit Tier One, rather than Tier Two, be aware that you may have to submit Tier Two information later, upon request of an authorized official. You must submit the Tier Two form within 30 days of receipt of a written request.

Where to Submit This Form

Send either a completed Tier One form or Tier Two form(s) to each of the following organizations:

1. Your State Emergency Response Commission.
2. Your Local Emergency Planning Committee.
3. The fire department with jurisdiction over your facility.

If a Tier Two form is submitted in response to a request, send the completed form to the requesting agency.

Penalties

Any owner or operator who violates any Tier Two reporting requirements shall be liable to the United States for a civil penalty of up to $25,000 for each such violation. Each day a violation continues shall constitute a separate violation.

If your Tier Two responses require more than one page use additional forms and fill in the page number at the top of the form.

Reporting Period

Enter the appropriate calendar year, beginning January 1 and ending December 31.

Facility Identification

Enter the full name of your facility (and company identifier where appropriate).

Enter the full street address or state road. If a street address is not available, enter other appropriate identifiers that describe the physical location of your facility (e.g., longitude and latitude). Include city, county, state, and zip code.

Enter the primary Standard Industrial Classification (SIC) code and the Dun & Bradstreet number for your facility. The financial officer of your facility should be able to provide the Dun & Bradstreet number. If your firm does not have this information, contact the State or regional office of Dun & Bradstreet to obtain your facility number or have one assigned.

Owner/Operator

Enter the owner's or operator's full name, mailing address, and phone number.

Emergency Contact

Enter the name, title, and work phone number at least one local person or office who can act as a referral if emergency responders need assistance in responding to a chemical accident at the facility.

Provide an emergency phone number where such emergency information will be available 24 hours a day, every day. The requirement is mandatory. The facility must make some arrangement to ensure a 24 hour contact is available.

Identical Information

Check the box indicating indentical information, located below the emergency contacts on the Tier Two form, if the current chemical information being reported is identical to that submitted last year. Chemical descriptions, hazards, amounts, and locations must be provided in this year's form, even if the information is identical to that submitted last year.

Chemical Information: Description, Hazards, Amounts, and Locations

The main section of the Tier Two form requires specific information on amounts and locations of hazardous chemicals, as defined in the OSHA Hazard Communication Standard.

If you choose to indicate that all of the information on a specific hazardous chemical is identical to that submitted last year, check the appropriate optional box provided at the right side of the storage codes and locations on the Tier Two form. Chemical descriptions, hazards, amounts, and locations must be provided even if the information is identical to that submitted last year.

• What units should I use?

Calculated all amounts as *weight in pounds.* To convert gas or liquid volume to weight in pounds, multiply by an appropriate density factor.

• What about mixtures?

If a chemical is part of a mixture, *you have the option* of reporting either the weight of the entire mixture or only the portion of the mixuture that is a particular hazardous chemcial (e.g., if a hazardous solution weights 100 lbs. but is composed of only 5% of a particular hazardous chemcial, you can indicate either 100 lbs. of the mixture *or* 5 lbs. of the chemical).

The option used for each mixture must be consistent with the option used in your Section 311 reporting.

Because EHSs are important to Section 303 planning, EHSs have lower thresholds. The amount of an EHS at a facility (both pure EHS substances and EHSs in mixtures) must be aggregated and purposes of threshold determination. It is suggested that the aggregation calculation be done as a first step in making the threshold determination. Once you determine whether a threshold for an EHS has been reached, you should report either the total weight of the EHS at your facility, or the weight of each mixture containing the EHS.

Chemical Description

1. Enter the Chemical Abstract Service registry number (CAS). For mixtures, enter the CAS number of the mixture as a whole if it has been assigned a number distinct from its constituents. For a mixture that has no CAS number, leave this item blank or report the CAS numbers of as many constituent chemicals as possible.

If you are withholding the name of a chemical in accordance with criteria specified in Title III, Section 322, enter the generic class or category that is structurally descriptive of the chemical (e.g., list toulene diisocyanate as organic isocyanate) and check the box marked Trade Secret. Trade secret information should be submitted to EPA and must include a substantiation. Please refer to EPA's final regulation on

trade secrecy (53 FR 28772, July 29, 1988) for detailed information on how to submit trade secrecy claims.

2. Enter the chemical name or common name of each hazardous chemical.

3. Check box for ALL applicable descriptors: pure or mixture; and solid, liquid, or gas; and whether the chemical is or contains an EHS.

4. If the chemical is a mixture containing an EHS, enter the chemical name of each EHS in the mixture.

Example: You have pure chlorine as on hand, as well as two mixtures that contain liquid chlorine. You write "chlorine" and enter the CAS number. Then you check "pure" and "mix"—as well as "liquid" and "gas".

Physical and Health Hazards

For each chemical you have listed, check all the physical and health hazard boxes that apply. These hazard categories are defined in 40 CFR 370.2. The two health hazard categories and three physical hazard categories are a consolidation of the 23 hazard categories defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

HAZARD CATEGORY COMPENSATION FOR REPORTING UNDER SECTIONS 311 AND 312

EPA's hazard categories	OSHA's hazard categories
Fire Hazard	Flammable
	Combustion Liquid
	Pyrophoric
	Oxidizer
Sudden Release of Pressure	Explosive
	Compressed Gas
Reactive	Unstable Reactive
	Organic Peroxide
	Water Reactive
Immediate (Acute) Health Hazards	Highly Toxic
	Toxic
	Irritant
	Sensitizer
	Corrosive
	Other hazardous chemicals with an adverse effect with short term exposure.
Delayed (Chronic) Health Hazard	Carcinogens
	Other hazardous chemicals with an adverse effect with long term exposure.

Maximum Amount

1. For each hazardous chemical, estimate the greatest amount present at your facility on any single day during the reporting period.

2. Find the appropriate range value code in Table I.

3. Enter this range value as the Maximum Amount.

TABLE I—REPORTING RANGES

Range Value	Weight range in pounds	
	From	To
01	0	99
02	100	999
03	1,000	9,999
04	10,000	99,999
05	100,000	999,999
06	1,000,000	9,999,999
07	10,000,000	49,999,999
08	50,000,000	99,999,999
09	100,000,000	499,999,999

TABLE I—REPORTING RANGES—CONTINUED

Range Value	Weight range in pounds	
	From	To
10	500,000,000	999,999,999
11	1 billion	higher than 1 billion

If you are using this form as a worksheet for completing Tier One, enter the actual weight in pounds in the shaded space below the response blocks. Do this for both Maximum Amount and Average Daily Amount.

Example: You received one large shipment of a solvent mixture last year. The shipment filled five 5,000-gallon storage tanks. You know that the solvent contains 10% benzene, which is a hazardous chemical.

You figure that 10% of 25,000 gallons is 2,500 gallons. You also know that the density of benzene is 7.29 pounds per gallon, so you multiply 2,500 gallons by 7.29 pounds per gallon to get a weight of 18,225 pounds.

Then you look at Table I and find that the range value 04 corresponds to 18,225. You enter 04 as the Maximum Amount.

(If you are using the form as a worksheet for completing a Tier One form, you should write 18,255 in the shaded area.)

Average Daily Amount

1. For each hazardous chemical, estimate the average weight in pounds that was present at your facility during the year.

To do this, total all daily weights and divide by the number of days the chemical was present on the site.

2. Find the appropriate range value in Table I.

3. Enter this range value as the Average Daily Amount.

Example: The 25,000-gallon shipment of solvent you received last year was gradually used up and completely gone in 315 days. The sum of the daily volume levels in the tank is 4,536,000 gallons. By dividing 4,536,000 gallons by 315 days on-site, you calculate an average daily amount of 14,400 gallons.

You already know that the solvent contains 10% benzene, which is a hazardous chemical. Since 10% of 14,400 is 1,440, you figure that you had an average of 1,440 gallons of benzene. You also know that the density of benzene is 7.29 pounds per gallon, so you multiply 1,440 by 7.29 to get a weight of 10,500 pounds.

Then you look at Table I and find that the range value 04 corresponds to 10,500. You enter 04 as the Average Daily Amount.

(If you are using the form as a worksheet for completing a Tier One form, you should write 10,500 in the shaded area.)

Number of Days On-Site

Enter the number of days that the hazardous chemical was found on-site.

Example: The solvent composed of 10% benzene was present for 315 days at your facility. Enter 315 in the space provided.

Storage Codes and Storage Locations

List all non-confidential chemical locations in this column, along with storage types/conditions associated with each location. Please note that a particular chemical may be located in several places around the facility. Each row of boxes followed by a line represents a unique location for the same chemical.

Storage Codes: Indicate the types and conditions of storage present.

a. *Look at Table II.*

For each location, find the appropriate storage type and enter the corresponding code in the first box.

b. *Look at Table III.*

b. *A list of site coordinate abbreviations* that correspond to buildings, lots, areas, etc. throughout your facility.

c. *A description of dikes and other safeguard measures* for storage locations throughout your facility.

Example: You have benzene in the main room of the main building, and in tank 2 in tank field 10. You attach a site plan with coordinates as follows: main building = G–2, tank field 10 = B–6. Fill in the Storage Location as follows:

B–6 [Tank 2]G–2 [Main room]

Confidential Information

Under Title III.
Section 324, you may elect to withhold location information on a specific chemical from disclosure to the public. If you choose to do so:

• Enter the word "confidential" in the Non-Confidential Location section of the Tier Two form on the first line of the storage locations.

• On a separate Tier Two Confidential Location Information Sheet, enter the name and CAS number of each chemical for which you are keeping the location confidential.

• Enter the appropriate location and storage information, as described above for non-confidential locations.

• Attach the Tier Two Confidential Location Information Sheet to the Tier Two form. This separates confidential locations from other information that will be disclosed to the public.

Certification

Instructions for this section are included on page one of these instructions.

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For each location, find the appropriate storage types for pressure and temperature conditions. Enter the applicable pressure code in the second box. Enter the applicable temperature code in the third box.

TABLE II—STORAGE TYPES

Codes	Types of storage
A	Above ground tank
B	Below ground tank
C	Tank inside building
D	Steel drum
E	Plastic or non-metallic drum
F	Can
G	Carboy
H	Silo
I	Fiber drum
J	Bag
K	Box
L	Cylinder
M	Glass bottles or jugs
N	Plastic bottles or jugs
O	Tote bin
P	Tank wagon
Q	Rail car
R	Other

TABLE III—TEMPERATURE AND PRESSURE CONDITIONS

Codes	Storage conditions
	(Pressure)
1	Ambient pressure
2	Greater than ambient pressure
3	Less than ambient pressure
	(Temperature)
4	Ambient temperature
5	Greater than ambient temperature
6	Less than ambient temperature but not cryogenic
7	Cryogenic conditions

Example: The benzene in the main building is kept in a tank inside the building, at ambient pressure and less than ambient temperature.

Table II shows you that the code for a tank inside a building is C. Table III shows you that the code for ambient pressure is 1, and the code for less than ambient temperature is 6.

You enter: C 1 6

Storage Locations: Provide a brief description of the precise location of the chemical, so that emergency responders can locate the area easily. You may find it advantageous to provide the optional site plan or site coordinates as explained below.

For each chemical, indicate at a minimum the building or lot. Additionally, where practical, the room or area may be indicated. You may respond in narrative form with appropriate site coordinates or abbreviations.

If the chemical is present in more than one building, lot, or area location, continue your responses down the page as needed. If the chemical exists everywhere at the plant site simultaneously, you may report that the chemical is ubiquitous at the site.

Optional attachments: If you choose to attach one of the following, check the appropriate Attachments box at the bottom of the Tier Two form:

a. *A site plan* with site coordinates indicated for buildings, lots, areas, etc. throughout your facility.

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1994 Tier Two Emergency and
Hazardous Chemical Inventory

Section III:

Chemical Index

1994 TIER TWO EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

CAS Number	Chemical Name	Page #
107-21-1	1,2-ETHANEDIOL	23
57-55-6	1,2-PROPANEDIOL	1
74-86-2	ACETYLENE	2
7784-27-2	ALUMINUM NITRATE NONAHYDRATE	5
1344-28-1	ALUMINUM OXIDE	6
10043-01-3	ALUMINUM SULFATE DIHYDRATE	8
1113-38-8	AMMONIUM OXLATE	8
7783-20-2	AMMONIUM SULFATE	9
7440-37-1	ARGON	9
75-63-8	BROMOTRIFLUOROMETHANE	10
1333-86-4	CARBON BLACK	11
56-23-5	TETRACHLOROMETHANE	12
7782-50-5	CHLORINE	13
75-45-6	CHLORODIFLUOROMETHANE	13
N/A	COAL	18
75-71-8	DICHLORODIFLUOROMETHANE	18
68476-34-6	DIESEL FUEL NO. 2	27
N/A	DIESEL FUEL	19
111-46-6	DIETHYLENE GLYCOL	21
63148-62-9	DIEMETHYL SILOXANE	22
7758-11-4	DIPOTASSIUM PHOSPHATE	22
64742-65-0	DIST (PET), SOLVENT-DEWAXED HEAVY PARAFFINIC	23
7705-08-0	FERRIC CHLORIDE	25
14017-39-1	FERROUS SULFAMATE	26
68553-00-4	FUEL OIL, NO. 6	26
N/A	HEAT TRANSFER OIL	27
7664-39-3	HYDROGEN FLUORIDE	28
13465-08-2	HYDROXYLAMINE NITRATE	29
8008-20-6	KEROSENE	29
N/A	LUBRICATING OIL	30

8012-95-1	MINERAL OIL	30
N/A	MOTOR OIL	31
7697-37-2	NITRIC ACID	32
7727-37-9	NITROGEN	34
19044-88-3	3,5-DINITRO-N4-DIPROPYLSULFANILAMIDE	35
144-62-7	OXALIC ACID	35
7782-44-7	OXYGEN	36
7664-38-2	PHOSPHORIC ACID	36
1336-36-3	POLYCHLORINATED BIPHENYLS	38
65997-15-1	PORTLAND CEMENT	38
1310-58-3	POTASSIUM HYDROXIDE	39
74-98-6	PROPANE	40
7440-23-5	SODIUM	41
497-19-8	SODIUM CARBONATE	42
7647-14-5	SODIUM CHLORIDE	43
1310-73-2	SODIUM HYDROXIDE	44
7632-00-0	SODIUM NITRITE	45
7772-98-7	SODIUM THIOSULFATE	47
64741-96-4	SOLVENT-REFINED HEAVY NAPHTHENIC DISTILLATE (PET)	47
64741-88-4	SOLVENT-REFINED HEAVY PARAFFINIC DISTILLATE (PET)	48
7664-93-9	SULFURIC ACID	49
75-69-4	TRICHLOROFLUOROMETHANE	51
8006-61-9	UNLEADED GASOLINE	52

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1994 Tier Two Emergency and Hazardous Chemical Inventory

Section IV:

Tier Two Forms

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type	Pres	Temp	Storage Locations	Opt
CAS 57-55-6 Trade Secret ☐ Chem. Name 1,2-PROPANEDIOL Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D D D D D N	1 1 1 1 1 1	4 4 4 4 4 4	107K 100K AREA 15027 200E AREA 2703E 200E AREA 271B 200E AREA 2721EA 200E AREA 2721EA 200E AREA	☐
CAS 57-55-6 Trade Secret ☐ Chem. Name 1,2-PROPANEDIOL Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D D N D M E	1 1 1 1 1 1	4 4 4 4 4 4	272AW 200E AREA 291B 200E AREA 234-5Z 200W AREA 234-5Z 200W AREA 234-5Z 200W AREA 234-5Z 200W AREA	☐
CAS 57-55-6 Trade Secret ☐ Chem. Name 1,2-PROPANEDIOL Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D C D C C D	1 2 1 2 2 1	4 4 4 4 4 4	2734ZG 200W AREA 308 300 AREA 331C 300 AREA 337 300 AREA 3765 300 AREA 607 600 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

James E. Rasmussen
Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

A-6000-633 (02/92)

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7486-2 Trade Secret ☐ Chem. Name: ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L24 1713H 100H AREA L24 107K 100K AREA L24 1706KE 100K AREA L24 190KE 100K AREA L24 105N 100N AREA L24 1512N 100N AREA	☐
CAS 7486-2 Trade Secret ☐ Chem. Name: ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L24 1705N 100N AREA L24 1168 1100 AREA L24 1171 1100 AREA L24 2247B 200E AREA L24 2249B 200E AREA L24 242AC 200E AREA	☐
CAS 7486-2 Trade Secret ☐ Chem. Name: ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L24 2711E 200E AREA L24 271AB 200E AREA L24 271B 200E AREA L24 2721EA 200E AREA L24 272AW 200E AREA L24 272E 200E AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Press	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 74 86 2 Trade Secret ☐ Chem. Name ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	284E 200E AREA M0844 200E AREA M0845 200E AREA 203U 200W AREA 221T 200W AREA 222S 200W AREA	☐
CAS 74 86 2 Trade Secret ☐ Chem. Name ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	2306W 200W AREA 234-5Z 200W AREA 272WA 200W AREA 275W 200W AREA 277W 200W AREA 284W 200W AREA	☐
CAS 74 86 2 Trade Secret ☐ Chem. Name ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	W19 200W AREA 305 300 AREA 305A 300 AREA 306E 300 AREA 308 300 AREA 313 300 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

95 0330.2058

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Pres	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 74 86 2 Trade Secret ☐ Chem. Name ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	324 300 AREA 325 300 AREA 328 300 AREA 331 300 AREA 331C 300 AREA 338 300 AREA	☐
CAS 74 86 2 Trade Secret ☐ Chem. Name ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	350 300 AREA 3707C 300 AREA 3722 300 AREA 1226 3000 AREA 1240 3000 AREA 1241 3000 AREA	☐
CAS 74 86 2 Trade Secret ☐ Chem. Name ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	1250 3000 AREA 432A 300 AREA 4704N 400 AREA 4713B 400 AREA 4734B 400 AREA 6290 600 AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7486-2 Trade Secret ☐ Chem. Name: ACETYLENE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	L24 M0005 600 AREA L24 N SPRINGS 600 AREA L24 747 700 AREA	☐
CAS 7784-27-2 Trade Secret ☐ Chem. Name: ALUMINUM NITRATE NONAHYDRATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	F14 1169 1100 AREA G14 271B 200E AREA N14 271B 200E AREA D14 271B 200E AREA D14 291B 200E AREA M14 222S 200W AREA	☐
CAS 7784-27-2 Trade Secret ☐ Chem. Name: ALUMINUM NITRATE NONAHYDRATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	N14 222S 200W AREA M14 222SA 200W AREA N14 222SA 200W AREA G14 234-5Z 200W AREA C14 236Z 200W AREA A14 2735Z 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7784-27-2 Trade Secret ☐ Chem. Name: ALUMINUM NITRATE NONAHYDRATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 306E 300 AREA M 1 4 325 300 AREA	☐
CAS 1344-28-1 Trade Secret ☐ Chem. Name: ALUMINUM OXIDE Check all that apply: [X] Pure [X] Mix [X] Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	J 1 4 1713H 100H AREA I 1 4 M0425 100N AREA J 1 4 1164 1100 AREA D 1 4 202A 200E AREA D 1 4 2703E 200E AREA N 1 4 2703E 200E AREA	☐
CAS 1344-28-1 Trade Secret ☐ Chem. Name: ALUMINUM OXIDE Check all that apply: [X] Pure [X] Mix [X] Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	J 1 4 2703E 200E AREA I 1 4 2703E 200E AREA M 1 4 2703E 200E AREA F 1 4 2703E 200E AREA I 1 4 271B 200E AREA F 1 4 272B 200E AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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- [ ] I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
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Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Press	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 13444-28-1 Trade Secret ☐ Chem. Name: ALUMINUM OXIDE Check all that apply: ☒ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N I I N M N	1 1 1 1 1 1	4 4 4 4 4 4	275EA 200E AREA 275EA 200E AREA 291B 200E AREA 221T 200W AREA 222S 200W AREA 222S 200W AREA	☐
CAS 13444-28-1 Trade Secret ☐ Chem. Name: ALUMINUM OXIDE Check all that apply: ☒ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M N F M M N	1 1 1 1 1 1	4 4 4 4 4 4	222SA 200W AREA 271T 200W AREA 271T 200W AREA 306E 200W AREA 325 300 AREA 325 300 AREA	☐
CAS 13444-28-1 Trade Secret ☐ Chem. Name: ALUMINUM OXIDE Check all that apply: ☒ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D D J C D M	1 1 1 1 1 1	4 4 4 4 4 4	3711 300 AREA 3717 300 AREA 3717 300 AREA 427 400 AREA 4732C 400 AREA 747 700	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ; Date Received

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Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type	Pres	Temp	Storage Locations	Opt
CAS 100433-01-3; Trade Secret ☐ Chem. Name: ALUMINUM SULFATE DIHYDRATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	A 1 4 C 1 4 J 1 4 C 1 4 J 1 4 J 1 4			183D 100D AREA 183KE 100K AREA 183N 100N AREA 183N 100N AREA 283E 200E AREA 283W 200W AREA	☐
CAS 100433-01-3; Trade Secret ☐ Chem. Name: ALUMINUM SULFATE DIHYDRATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 C 1 4 G 1 4 M 1 4			306E 300 AREA 315 300 AREA 325 300 AREA 747 700 AREA	☐
CAS 1111338-8; Trade Secret ☐ Chem. Name: ALUMINUM OXALATE Check all that apply: [X] Pure [X] Mix [X] Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 D 1 4 D 1 4 M 1 4 M 1 4 N 1 4			241A401 200E AREA 275EA 200E AREA 221T 200W AREA 222S 200W AREA 222SA 200W AREA 234-5Z 200W AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

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Reporting Period: From January 1 to December 31, 1994

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type	Pres	Temp	Storage Locations	Opt
CAS 7783 20 2 Trade Secret ☐ Chem. Name: AMMONIUM SULFATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure X Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 N 1 4 N 1 4 J 1 4 M 1 4 N 1 4			1706KE 100K AREA 1706KE 100K AREA 2703E 100K AREA 275EA 200E AREA 222S 200W AREA 222S 200W AREA	☐
CAS 7783 20 2 Trade Secret ☐ Chem. Name: AMMONIUM SULFATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure X Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 J 1 4 N 1 4 I 1 4			222SA 200W AREA 305 300 AREA 325 300 AREA 3746D 300 AREA	☐
CAS 7440 37 1 Trade Secret ☐ Chem. Name: ARGON Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	☐ Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 L 1 7 L 2 7 L 2 7 L 2 7 L 2 7			UBIQUITOUS 1168 1100 AREA 272E 200E AREA 222S 200W AREA 234-5Z 200W AREA 2734ZA 200W AREA	☐

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Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7440 37 1; Trade Secret ☐ Chem. Name: ARGON Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 7 277W 200W AREA A 2 4 338 300 AREA A 2 4 403 400 AREA	☐
CAS 7563 8; Trade Secret ☐ Chem. Name: BROMOTRIFLUOROMETHANE Check all that apply: [X] Pure ☐ Mix ☐ Solid ☐ Liquid [X] Gas ☐ EHS EHS Name:	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 105N 100N AREA L 2 4 182N 100N AREA L 2 4 184N 100N AREA L 2 4 202A 200E AREA L 2 4 2101M 200E AREA L 2 4 243G4 200E AREA	☐
CAS 7563 8; Trade Secret ☐ Chem. Name: BROMOTRIFLUOROMETHANE Check all that apply: [X] Pure ☐ Mix ☐ Solid ☐ Liquid [X] Gas ☐ EHS EHS Name:	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 234G6 200E AREA L 2 4 292AB 200E AREA L 2 4 222S 200W AREA L 2 4 234-5Z 200W AREA L 2 4 242S 200W AREA L 2 4 2701ZA 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type	Pres	Temp	Storage Locations	Opt
CAS 75638 Trade Secret ☐ Chem. Name BROMOTRIFLUOROMETHANE Check all that apply: [X] Pure ☐ Mix ☐ Solid ☐ Liquid [X] Gas ☐ EHS EHS Name ____	☐ Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	2704Z 200W AREA 306E 300 AREA 331C 300 AREA 339A 300 AREA 403 400 AREA 4703 400 AREA	☐
CAS 75638 Trade Secret ☐ Chem. Name BROMOTRIFLUOROMETHANE Check all that apply: [X] Pure ☐ Mix ☐ Solid ☐ Liquid [X] Gas ☐ EHS EHS Name ____	☐ Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L L L L L	2 2 2 2 2 2	4 4 4 4 4 4	4721 400 AREA 491E 400 AREA 251W 600 AREA 6652C 600 AREA 747 700 AREA FED 700 AREA	☐
CAS 13386 4 Trade Secret ☐ Chem. Name CARBON BLACK Check all that apply: [X] Pure ☐ Mix [X] Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name ____	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	I N C J R D	1 1 1 1 1 1	4 4 4 4 4 4	2703E 200E AREA 2703E 200E AREA 200UP1 200W AREA 200ZP1 200W AREA 200ZP2 200W AREA 216Z1A 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature ____

Date signed: 02/22/95

Optional Attachments

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- ☐ I have attached a list of site coordinate abbreviations
- ☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ; Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Pres	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 1333864; Trade Secret ☐; Chem. Name: CARBON BLACK; Check all that apply: [X] Pure ☐ Mix [X] Solid ☐ Liquid ☐ Gas ☐ EHS; EHS Name:	☐ Fire; ☐ Sudden Release of Pressure; ☐ Reactivity; X Immediate (acute); X Delayed (chronic)	04 Max. Daily Amount (code); 04 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	E	1	4	216Z1A 200W AREA	☐
CAS 56235; Trade Secret ☐; Chem. Name: TETRACHLOROMETHANE; Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS; EHS Name:	☐ Fire; ☐ Sudden Release of Pressure; ☐ Reactivity; X Immediate (acute); X Delayed (chronic)	04 Max. Daily Amount (code); 04 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	M	1	4	222SA 200W AREA	☐
			M	1	4	234-5Z 200W AREA	
			E	1	4	236Z 200W AREA	
			D	1	4	241Z 200W AREA	
			M	1	4	2731ZA 200W AREA	
			M	1	4	306E 300 AREA	
CAS 56235; Trade Secret ☐; Chem. Name: TETRACHLOROMETHANE; Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS; EHS Name:	☐ Fire; ☐ Sudden Release of Pressure; ☐ Reactivity; X Immediate (acute); X Delayed (chronic)	04 Max. Daily Amount (code); 04 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	M	1	4	747 700 AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 7782 50 5; Trade Secret ☐; Chem. Name CHLORINE; Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS; EHS Name CHLORINE	[X] Fire; [X] Sudden Release of Pressure; ☐ Reactivity; [X] Immediate (acute); ☐ Delayed (chronic)	04 Max. Daily Amount (code); 04 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	L 2 4 L 2 4 L 2 4 L 2 4 L 2 4 L 2 4	183D 100D AREA 183KE 100K AREA 183N 100N AREA 283E 1100 AREA 283W 200W AREA 315 300 AREA	☐
CAS 75 45 6; Trade Secret ☐; Chem. Name CHLORODIFLUOROMETHANE; Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS; EHS Name	☐ Fire; [X] Sudden Release of Pressure; ☐ Reactivity; [X] Immediate (acute); [X] Delayed (chronic)	04 Max. Daily Amount (code); 03 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	L 2 4 L 2 4 L 2 4 C 2 4 L 2 4 L 2 4	105N 100N AREA 13N 100N AREA 1723N 100N AREA 1163 1100 AREA 1168 1100 AREA 1171 1100 AREA	☐
CAS 75 45 6; Trade Secret ☐; Chem. Name CHLORODIFLUOROMETHANE; Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS; EHS Name	☐ Fire; [X] Sudden Release of Pressure; ☐ Reactivity; [X] Immediate (acute); [X] Delayed (chronic)	04 Max. Daily Amount (code); 03 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	C 2 4 C 2 4 C 2 4 C 2 4 L 2 4 D 2 4	M0404 1100 AREA M0916 1100 AREA M0938 1100 AREA M0940 1100 AREA 225BC 200E AREA 225BC 200E AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ; Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type	Pres	Temp	Storage Locations	Opt
CAS 75 45 6; Trade Secret ☐; Chem. Name: CHLORODIFLUOROMETHANE; Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS; EHS Name:	☐ Fire; [X] Sudden Release of Pressure; ☐ Reactivity; [X] Immediate (acute); [X] Delayed (chronic)	04 Max. Daily Amount (code); 03 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	L 2 4			P012 200E AREA	
			L 2 4			203U 200W AREA	
			L 2 4			221T 200W AREA	
			L 2 4			234-5Z 200W AREA	
			L 2 4			272WA 200W AREA	
			L 2 4			275W 200W AREA	☐
CAS 75 45 6; Trade Secret ☐; Chem. Name: CHLORODIFLUOROMETHANE; Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS; EHS Name:	☐ Fire; [X] Sudden Release of Pressure; ☐ Reactivity; [X] Immediate (acute); [X] Delayed (chronic)	04 Max. Daily Amount (code); 03 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	C 2 4			305 300 AREA	
			C 2 4			309 300 AREA	
			C 2 4			321 300 AREA	
			C 2 4			328 300 AREA	
			L 2 4			328 300 AREA	
			L 2 4			331C 300 AREA	☐
CAS 75 45 6; Trade Secret ☐; Chem. Name: CHLORODIFLUOROMETHANE; Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS; EHS Name:	☐ Fire; [X] Sudden Release of Pressure; ☐ Reactivity; [X] Immediate (acute); [X] Delayed (chronic)	04 Max. Daily Amount (code); 03 Avg. Daily Amount (code); 365 No. of Days On-Site (days)	L 2 4			331D 300 AREA	
			C 2 4			337 300 AREA	
			C 2 4			3506A 300 AREA	
			C 2 4			3506B 300 AREA	
			C 2 4			3701A 300 AREA	
			C 2 4			3701D 300 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C 24 3701L 300 AREA C 24 3701U 300 AREA C 24 3702 300 AREA C 24 3706 300 AREA C 24 3707B 300 AREA C 24 3707C 300 AREA	☐
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C 24 3709 300 AREA L 24 3717 300 AREA C 24 3719 300 AREA C 24 3728 300 AREA C 24 3763 300 AREA C 24 3765 300 AREA	☐
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C 24 3766 300 AREA C 24 3768 300 AREA C 24 3769 300 AREA C 24 3770 300 AREA C 24 3790 300 AREA C 24 1154 3000 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
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Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Press	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas [X] EHS ☐ EHS Name	Fire ☐ Sudden Release of Pressure [X] Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	L C C C C C	2 2 2 2 2 2	4 4 4 4 4 4	1240 3000 AREA M0236 3000 AREA M0237 3000 AREA M0417 3000 AREA M0905 3000 AREA M0906 3000 AREA	☐
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas [X] EHS ☐ EHS Name	Fire ☐ Sudden Release of Pressure [X] Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	C L C C C C	2 2 2 2 2 2	4 4 4 4 4 4	M0917 3000 AREA 432A 400 AREA 4701B 400 AREA 4702 400 AREA 4704N 400 AREA 4706 400 AREA	☐
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas [X] EHS ☐ EHS Name	Fire ☐ Sudden Release of Pressure [X] Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	C C C C C L	2 2 2 2 2 2	4 4 4 4 4 4	4707 400 AREA 4719 400 AREA 4722B 400 AREA 4722C 400 AREA 4732A 400 AREA 4734B 400 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

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Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Press	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas [X] EHS ☐ EHS Name	Fire ☐ Sudden Release of Pressure [X] Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	C C C C C C	2 2 2 2 2 2	4 4 4 4 4 4	4734B 400 AREA 4734D 400 AREA 4842A 400 AREA M0353 400 AREA M0378 400 AREA M0379 400 AREA	☐
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas [X] EHS ☐ EHS Name	Fire ☐ Sudden Release of Pressure [X] Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	C C C C C C	2 2 2 2 2 2	4 4 4 4 4 4	M0908 400 AREA 662 600 AREA 662A 600 AREA M0001 600 AREA M0002 600 AREA M0302 600 AREA	☐
CAS 75456 Trade Secret ☐ Chem. Name CHLORODIFLUOROMETHANE Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas [X] EHS ☐ EHS Name	Fire ☐ Sudden Release of Pressure [X] Reactivity ☐ Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	C C C C	2 2 2 2	4 4 4 4	703 700 AREA 712 700 AREA 747 700 AREA 747B 700 AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
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Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS: Trade Secret ☐ Chem. Name: COAL Check all that apply: Pure ☐ Mix ☒ Solid ☒ Liquid ☐ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 09 Avg. Daily Amount (code): 08 No. of Days On-Site (days): 365	R 1 4 R 1 4 R 1 4	284E 200E AREA 284W 200W AREA 384 300 AREA	☐
CAS: 75718 Trade Secret ☐ Chem. Name: DICHLORODIFLUOROMETHANE Check all that apply: Pure ☒ Mix ☐ Solid ☐ Liquid ☒ Gas ☒ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure X Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	L 2 4 L 2 4 L 2 4 L 2 4 L 2 4 L 2 4	105N 100N AREA 1168 1100 AREA 1171 1100 AREA P012 200E AREA 203U 200W AREA 221T 200W AREA	☐
CAS: 75718 Trade Secret ☐ Chem. Name: DICHLORODIFLUOROMETHANE Check all that apply: Pure ☒ Mix ☐ Solid ☐ Liquid ☒ Gas ☒ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure X Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-Site (days): 365	L 2 4 L 2 4 L 2 4 C 2 4 L 2 4 L 2 4	234-5Z 200W AREA 275W 200W AREA M0721 200W AREA 309 300 AREA 328 300 AREA 331D 300 AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Press	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 75718 Trade Secret ☐ Chem. Name DICHLORODIFLUOROMETHANE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C C L C C L	2 2 2 2 2 2	4 4 4 4 4 4	337 300 AREA 3703 300 AREA 3717 300 AREA 3718 300 AREA 3718N 300 AREA 1240 3000 AREA	☐
CAS 75718 Trade Secret ☐ Chem. Name DICHLORODIFLUOROMETHANE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L L	2 2	4 4	432A 400 AREA 4734B 400 AREA	☐
CAS Trade Secret ☐ Chem. Name DIESEL FUEL Check all that apply: ☐ Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	A A C B B A	1 1 1 1 1 1	4 4 4 4 4 4	182B 100B AREA 1171 1100 AREA 1171 1100 AREA 1171 1100 AREA 1172A 1100 AREA 1174 1100 AREA	☐

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Specific Information by Chemical

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS: ; Trade Secret: ☐ Chem. Name: DIESEL FUEL Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	A 1 4 B 1 4 B 1 4 B 1 4 B 1 4 B 1 4	202A 200E AREA 202A 200E AREA 204AR 200E AREA 225BC 200E AREA 242A 200E AREA 244AR 200E AREA	☐
CAS: ; Trade Secret: ☐ Chem. Name: DIESEL FUEL Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 A 1 4 A 1 4 A 1 4 A 1 4 B 1 4	2713E 200E AREA 2721EA 200E AREA 282B 200E AREA 282BA 200E AREA 2402W 200W AREA 2713W 200W AREA	☐
CAS: ; Trade Secret: ☐ Chem. Name: DIESEL FUEL Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 A 1 4 B 1 4 B 1 4 A 1 4 A 1 4	2721Z 200W AREA 318 300 AREA 3621B 300 AREA 3621D 300 AREA 3701N 300 AREA 1226 3000 AREA	☐

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

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CAS ☐ Trade Secret ☐ Chem. Name: DIESEL FUEL Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B B B C B D	1 1 1 1 1 1	4 4 4 4 4 4	408A 400 AREA 408B 400 AREA 408C 400 AREA 427 400 AREA 427 400 AREA 427 400 AREA	☐
CAS ☐ Trade Secret ☐ Chem. Name: DIESEL FUEL Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B B B B A	1 1 1 1 1	4 4 4 4 4	4621E 400 AREA 4621W 400 AREA 4721 400 AREA 481 400 AREA 481A 400 AREA	☐
CAS 111466 ☐ Trade Secret ☐ Chem. Name: DIETHYLENE GLYCOL Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C	2	4	405 400 AREA	☐

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific information by Chemical

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 63148629 Trade Secret ☐ Chem. Name: DIMETHYL SILOXANE Check all that apply: [X] Pure ☐ Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 1 4 R 1 4 R 1 4 R 1 4	200E AREA TRANSFORMERS 200W AREA TRANSFORMERS 300 AREA TRANSFORMERS 600 AREA TRANSFORMERS	☐
CAS 7758144 Trade Secret ☐ Chem. Name: DIPOTASSIUM PHOSPHATE Check all that apply: [X] Pure ☐ Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 D 1 4 D 1 4 D 1 4 M 1 4 N 1 4	2703E 200E AREA 2714A 200E AREA 271B 200E AREA 291B 200E AREA 222S 200W AREA 222S 200W AREA	☐
CAS 7758144 Trade Secret ☐ Chem. Name: DIPOTASSIUM PHOSPHATE Check all that apply: [X] Pure ☐ Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 N 1 4 D 1 4 D 1 4 N 1 4 C 2 4	222SA 200W AREA 222SA 200W AREA 234-5Z 200W AREA 2734ZG 200W AREA 306E 300 AREA 405 400 AREA	☐

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Pres	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 64742 65 0; Trade Secret ☐; Chem. Name: DIST (PET), SOLVENT-DEWAXED HEAVY PARAFFINIC; Check all that apply: Pure ☒, Mix ☒, Solid ☐, Liquid ☒, Gas ☐, EHS ☐; EHS Name:	Fire ☐; Sudden Release of Pressure ☐; Reactivity ☐; Immediate (acute) X; Delayed (chronic) X	Max. Daily Amount (code): 04; Avg. Daily Amount (code): 04; No. of Days On-Site (days): 365	D	1	4	105N 100N AREA	☐
			C	1	4	2715B 200E AREA	
			D	1	4	272AW 200E AREA	
			D	1	4	291A 200E AREA	
			D	1	4	P008 200E AREA	
			D	1	4	234-5Z 200W AREA	
CAS 64742 65 0; Trade Secret ☐; Chem. Name: DIST (PET), SOLVENT-DEWAXED HEAVY PARAFFINIC; Check all that apply: Pure ☒, Mix ☒, Solid ☐, Liquid ☒, Gas ☐, EHS ☐; EHS Name:	Fire ☐; Sudden Release of Pressure ☐; Reactivity ☐; Immediate (acute) X; Delayed (chronic) X	Max. Daily Amount (code): 04; Avg. Daily Amount (code): 04; No. of Days On-Site (days): 365	D	1	4	272WA 200W AREA	☐
			D	1	4	3709A 300 AREA	
			D	1	4	1226 3000 AREA	
			D	1	4	1227 3000 AREA	
CAS 107 21 1; Trade Secret ☐; Chem. Name: 1,2-ETHANEDIOL; Check all that apply: Pure ☒, Mix ☒, Solid ☐, Liquid ☒, Gas ☐, EHS ☐; EHS Name:	Fire X; Sudden Release of Pressure ☐; Reactivity ☐; Immediate (acute) X; Delayed (chronic) X	Max. Daily Amount (code): 05; Avg. Daily Amount (code): 05; No. of Days On-Site (days): 365	N	1	4	1143N 100N AREA	☐
			D	1	4	M0942 100N AREA	
			D	1	4	1171 1100 AREA	
			D	1	4	1172A 1100 AREA	
			D	1	4	1176 1100 AREA	
			G	1	4	2703E 200E AREA	

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

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CAS 107 21 1 Trade Secret ☐ Chem. Name 1,2-ETHANEDIOL Check all that apply: ☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 D 1 4 D 1 4 M 1 4 D 1 4 D 1 4	2711E 200E AREA 2714A 200E AREA 272AW 200E AREA 222S 200W AREA 234-5Z 200W AREA 272WA 200W AREA	☐
CAS 107 21 1 Trade Secret ☐ Chem. Name 1,2-ETHANEDIOL Check all that apply: ☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 2 6 C 2 4 D 1 4 C 2 4 C 1 4 C 2 4	308 300 AREA 309 300 AREA 328 300 AREA 337 300 AREA 3707C 300 AREA 3765 300 AREA	☐
CAS 107 21 1 Trade Secret ☐ Chem. Name 1,2-ETHANEDIOL Check all that apply: ☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 D 1 4 C 2 4 R 2 6 D 1 4 R 2 6	1226 3000 AREA 1227 3000 AREA 405 400 AREA 427 400 AREA 4831 400 AREA 4862 400 AREA	☐

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CAS 107211 Trade Secret ☐ Chem. Name 1,2-ETHANEDIOL Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 M 1 4			6266 600 AREA 747 700 AREA	☐
CAS 77050 8 0 Trade Secret ☐ Chem. Name FERRIC CHLORIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 M 1 4 N 1 4 M 1 4 N 1 4 N 1 6			1706KE 100K AREA 202A 200E AREA 2703E 200E AREA 222S 200W AREA 222S 200W AREA 222S 200W AREA	☐
CAS 77050 8 0 Trade Secret ☐ Chem. Name FERRIC CHLORIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 M 1 4 N 1 4 A 1 4 N 1 4 M 1 4			222SA 200W AREA 222SA 200W AREA 306E 300 AREA 310 300 AREA 600 600 AREA 6266 600 AREA	☐

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7705 08 0 Trade Secret ☐ Chem. Name: FERRIC CHLORIDE Check all that apply: ☒ Pure ☒ Mix ☒ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure X Reactivity X Immediate (acute) Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 6266 600 AREA N 1 4 747 700 AREA	☐
CAS 140173 9 1 Trade Secret ☐ Chem. Name: FERROUS SULFAMATE Check all that apply: ☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	Fire Sudden Release of Pressure Reactivity X Immediate (acute) Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	E 1 4 2714A 200E AREA E 1 4 275EA 200E AREA N 1 6 222SA 200W AREA E 1 4 234-5Z 200W AREA	☐
CAS 68553 00 4 Trade Secret ☐ Chem. Name: FUEL OIL NO. 6 Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 384 300 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 68476-34-6 Trade Secret ☐ Chem. Name: DIESEL FUEL NO. 2 Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 181B 100B AREA A 1 4 100DR1 100DR AREA A 1 4 HEAVY EQUIPMENT POOL 100N AREA A 1 4 216B3 200E AREA D 1 4 MO966 200E AREA A 1 4 218W5 200W AREA	☐
CAS 68476-34-6 Trade Secret ☐ Chem. Name: DIESEL FUEL NO. 2 Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	A 1 4 MO235 200W AREA A 1 4 318 300 AREA A 1 4 3701N 300 AREA D 1 4 384 300 AREA A 1 4 607 600 AREA A 1 4 MO723 600 AREA	☐
CAS ☐ Trade Secret ☐ Chem. Name: HEAT TRANSFER OIL Check all that apply: ☐ Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 1 4 190KE 100K AREA R 1 4 308 300 AREA R 1 4 405 400 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

95 0336.2082

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7664393 Trade Secret ☐ Chem. Name HYDROGEN FLUORIDE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☒ EHS EHS Name HYDROGEN FLUORIDE	☐ Fire X Sudden Release of Pressure X Reactivity X Immediate (acute) X Delayed (chronic)	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 14 1706KE 100K AREA M 14 1169 1100 AREA N 14 202A 200E AREA N 14 2703E 200E AREA N 14 222S 200W AREA M 14 222S 200W AREA	☐
CAS 7664393 Trade Secret ☐ Chem. Name HYDROGEN FLUORIDE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☒ EHS EHS Name HYDROGEN FLUORIDE	☐ Fire X Sudden Release of Pressure X Reactivity X Immediate (acute) X Delayed (chronic)	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 14 222SA 200W AREA N 14 234-5Z 200W AREA C 14 236Z 200W AREA N 14 2716S 200W AREA N 14 306E 300 AREA M 14 325 300 AREA	☐
CAS 7664393 Trade Secret ☐ Chem. Name HYDROGEN FLUORIDE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☒ EHS EHS Name HYDROGEN FLUORIDE	☐ Fire X Sudden Release of Pressure X Reactivity X Immediate (acute) X Delayed (chronic)	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 14 6266 600 AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Press	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 13465-08-2 Trade Secret ☐ Chem. Name HYDROXYLAMINE NITRATE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name ____	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	E D M E C	1 1 1 1 1	4 4 4 4 4	2714A 200E AREA 275EA 200E AREA 222SA 200W AREA 234-5Z 200W AREA 236Z 200W AREA	☐
CAS 8008-20-6 Trade Secret ☐ Chem. Name KEROSENE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name ____	X Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D D E D D D	1 1 1 1 1 1	4 4 4 4 4 4	118B1 100B AREA 183KE 100K AREA 105N 100N AREA 15027 200E AREA 275EA 200E AREA M0845 200E AREA	☐
CAS 8008-20-6 Trade Secret ☐ Chem. Name KEROSENE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name ____	X Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D D D D D D	1 1 1 1 1 1	4 4 4 4 4 4	2706T 200W AREA 271T 200W AREA 3711 300 AREA 1226 3000 AREA 4713A 400 AREA 4831 400 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature ____

Date signed: 02/22/95

Optional Attachments

- X I have attached a site plan
- ☐ I have attached a list of site coordinate abbreviations
- ☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS ____ Trade Secret ☐ Chem. Name: LUBRICATING OIL Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 14 183KE 100K AREA A 14 2715B 200E AREA D 14 272AW 200E AREA D 14 3711 300 AREA D 14 384 300 AREA D 14 4831 400 AREA	☐
CAS 80129 5 1 Trade Secret ☐ Chem. Name: MINERAL OIL Check all that apply: ☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 14 100B AREA TRANSFORMERS R 14 100D AREA TRANSFORMERS R 14 100F AREA TRANSFORMERS R 14 100H AREA TRANSFORMERS R 14 100K AREA TRANSFORMERS R 14 100N AREA TRANSFORMERS	☐
CAS 80129 5 1 Trade Secret ☐ Chem. Name: MINERAL OIL Check all that apply: ☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 14 200E AREA TRANSFORMERS A 14 2101M 200E AREA R 14 2101M 200E AREA D 14 291A 200E AREA D 14 P008 200E AREA R 14 200W AREA TRANSFORMERS	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

☒ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 8012-95-1; Trade Secret ☐ Chem. Name: MINERAL OIL Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 D 1 4 R 1 4 D 1 4 D 1 4 R 1 4	234-5Z 200W AREA 272WA 200W AREA 300 AREA TRANSFORMERS 1226 3000 AREA 1227 3000 AREA 400 AREA TRANSFORMERS	☐
CAS 8012-95-1; Trade Secret ☐ Chem. Name: MINERAL OIL Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 1 4	600 AREA TRANSFORMERS	☐
CAS; Trade Secret ☐ Chem. Name: MOTOR OIL Check all that apply: ☐ Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 C 1 4 D 1 4 C 1 4 D 1 4 A 1 4	1171 1100 AREA 1171 1100 AREA 1171 1100 AREA 1172A 1100 AREA 1176 1100 AREA 2711E 200E AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

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Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Press / Temp	Storage Locations	Opt
CAS: ; Trade Secret: ☐ Chem. Name: MOTOR OIL Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	B 1 4 D 1 4 B 1 4	2711E 200E AREA 2711E 200E AREA 2713W 200W AREA	☐
CAS: 76973 7 2; Trade Secret: ☐ Chem. Name: NITRIC ACID Check all that apply: Pure ☒ Mix ☒ Solid ☒ Liquid ☐ Gas ☒ EHS ☒ EHS Name: NITRIC ACID	Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 06 Avg. Daily Amount (code): 06 No. of Days On-Site (days): 365	M 1 4 N 1 4 M 1 4 M 1 4 M 1 4 N 1 4	1706KE 100K AREA 183KE 100K AREA 183KE 100K AREA 1169 1100 AREA 202A 200E AREA 202A 200E AREA	☐
CAS: 76973 7 2; Trade Secret: ☐ Chem. Name: NITRIC ACID Check all that apply: Pure ☒ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☒ EHS Name: NITRIC ACID	Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 06 Avg. Daily Amount (code): 06 No. of Days On-Site (days): 365	A 1 4 C 1 4 N 1 4 M 1 4 M 1 4 E 1 4	203A 200E AREA 204A 200E AREA 221B 200E AREA 243G4 200E AREA 2703E 200E AREA 2714A 200E AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

- [X] I have attached a site plan
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- [ ] I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

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Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 7697-37-2; Trade Secret ☐ Chem. Name: NITRIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name: NITRIC ACID	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 D 1 4 D 1 4 M 1 4 M 1 4 N 1 4	271B 200E AREA 271B 200E AREA 291B 200E AREA 221T 200W AREA 222S 200W AREA 222S 200W AREA	☐
CAS 7697-37-2; Trade Secret ☐ Chem. Name: NITRIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name: NITRIC ACID	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 N 1 4 C 1 4 M 1 4 E 1 4 N 1 4	222SA 200W AREA 222SA 200W AREA 224U 200W AREA 234-5Z 200W AREA 234-5Z 200W AREA 234-5Z 200W AREA	☐
CAS 7697-37-2; Trade Secret ☐ Chem. Name: NITRIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name: NITRIC ACID	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C 1 4 G 1 4 E 1 4 M 1 4 N 1 4 A 1 4	236Z 200W AREA 236Z 200W AREA 2716S 200W AREA 2716S 200W AREA 2716S 200W AREA 2735Z 200W AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

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Date signed

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

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Name: U.S. Department of Energy - Hanford Site
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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 7697-37-2; Trade Secret ☐ Chem. Name: NITRIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name: NITRIC ACID	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 M 1 4 M 1 4 N 1 4 M 1 4	306E 300 AREA 325 300 AREA 6266 600 AREA 6266 600 AREA 747 700 AREA	☐
CAS 7727-37-9; Trade Secret ☐ Chem. Name: NITROGEN Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) [X] Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 L 2 7 L 2 7 A 2 7 L 2 7 A 2 7	UBIQUITOUS 1706KE 100K AREA MO425 100N AREA 1161 1100 AREA 202A 200E AREA 234-5Z 200W AREA	☐
CAS 7727-37-9; Trade Secret ☐ Chem. Name: NITROGEN Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	☐ Fire [X] Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) [X] Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	A 2 7 A 2 7	337 300 AREA 4621W 400 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 19044 88 3 Trade Secret ☐ Chem. Name: 3,5-DINITRO-N4-DIPROPYLSULFANILAMIDE Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) ☐	Max. Daily Amount (code): 05 Avg. Daily Amount (code): 05 No. of Days On-Site (days): 365	N 1 4 275EA 200E AREA	☐
CAS 1444 62 7 Trade Secret ☐ Chem. Name: OXALIC ACID Check all that apply: Pure ☒ Mix ☒ Solid ☒ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	M 1 4 1706KE 100K AREA N 1 4 1706KE 100K AREA D 1 4 241A401 200E AREA M 1 4 2703E 200E AREA N 1 4 2703E 200E AREA D 1 4 275EA 200E AREA	☐
CAS 1444 62 7 Trade Secret ☐ Chem. Name: OXALIC ACID Check all that apply: Pure ☒ Mix ☒ Solid ☒ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	D 1 4 221T 200W AREA M 1 4 222S 200W AREA N 1 4 222S 200W AREA N 1 4 222SA 200W AREA N 1 4 234-5Z 200W AREA F 1 4 234-5Z 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed: 02/22/95

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Press / Temp	Storage Locations	Opt
CAS 144-62-7; Trade Secret ☐ Chem. Name: OXALIC ACID Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	J 1 4 E 1 4 M 1 4 M 1 4 N 1 4 M 1 4	234-5Z 200W AREA 234-5Z 200W AREA 306E 300 AREA 325 300 AREA 325 300 AREA 747 700 AREA	☐
CAS 7782-44-7; Trade Secret ☐ Chem. Name: OXYGEN Check all that apply: [X] Pure [X] Mix ☐ Solid ☐ Liquid [X] Gas ☐ EHS EHS Name:	X Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4	UBIQUITOUS	☐
CAS 7664-38-2; Trade Secret ☐ Chem. Name: PHOSPHORIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M 1 4 M 1 4 M 1 4 N 1 4 D 1 4 E 1 4	1706KE 100K AREA 202A 200E AREA 2703E 200E AREA 271B 200E AREA 275EA 200E AREA 221T 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

X I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

A-6000-633 (02/92)

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type	Pres	Temp	Storage Locations	Opt
CAS 7664382 Trade Secret ☐ Chem. Name: PHOSPHORIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C M M N M E	1 1 1 1 1 1	4 4 4 4 4 4	221T 200W AREA 221T 200W AREA 222S 200W AREA 222S 200W AREA 222SA 200W AREA 224U 200W AREA	☐
CAS 7664382 Trade Secret ☐ Chem. Name: PHOSPHORIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	C M D M M M	1 1 1 1 1 1	4 4 4 4 4 4	224U 200W AREA 234-5Z 200W AREA 2706T 200W AREA 2716S 200W AREA 325 300 AREA 6266 600 AREA	☐
CAS 7664382 Trade Secret ☐ Chem. Name: PHOSPHORIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M	1	4	747 700 AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed: 02/22/95

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Type	Pres	Temp	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 1336 36 3 Trade Secret ☐ Chem. Name: POLYCHLORINATED BIPHENYLS Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R R R R R R	14 14 14 14 14 14	100B AREA TRANSFORMERS 100D AREA TRANSFORMERS 100K AREA TRANSFORMERS 100N AREA TRANSFORMERS 200E AREA TRANSFORMERS 200W AREA TRANSFORMERS	☐
CAS 1336 36 3 Trade Secret ☐ Chem. Name: POLYCHLORINATED BIPHENYLS Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R R R R	14 14 14 14	300 AREA TRANSFORMERS 337 300 AREA 400 AREA TRANSFORMERS 600 AREA TRANSFORMERS	☐
CAS 65997 15 1 Trade Secret ☐ Chem. Name: PORTLAND CEMENT Check all that apply: ☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	H	14	2402EB 200E AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 13108-58-3 Trade Secret ☐ Chem. Name: POTASSIUM HYDROXIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 14 1706KE 100K AREA M 14 M0425 100N AREA M 14 1169 1100 AREA N 14 2703E 200E AREA D 14 2714A 200E AREA E 14 271B 200E AREA	☐
CAS 13108-58-3 Trade Secret ☐ Chem. Name: POTASSIUM HYDROXIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 14 275EA 200E AREA E 14 275EA 200E AREA I 14 275EA 200E AREA A 14 203U 200W AREA D 14 221T 200W AREA M 14 222S 200W AREA	☐
CAS 13108-58-3 Trade Secret ☐ Chem. Name: POTASSIUM HYDROXIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 14 222S 200W AREA D 14 222S 200W AREA M 14 222SA 200W AREA N 14 222SA 200W AREA D 14 234-5Z 200W AREA E 14 2706T 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
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Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
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Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 1310-58-3; Trade Secret ☐ Chem. Name: POTASSIUM HYDROXIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 D 1 4 E 1 4 E 1 4 N 1 4	306E 300 AREA 331D 300 AREA 384 300 AREA 483B 400 AREA 747 700 AREA	☐
CAS 7498-6; Trade Secret ☐ Chem. Name: PROPANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 A 2 4 A 2 4 A 2 4 A 2 4 A 2 4	UBIQUITOUS 118B1 100B AREA 2711E 200E AREA 271B 200E AREA MO922 200E AREA 200UP1 200W AREA	☐
CAS 7498-6; Trade Secret ☐ Chem. Name: PROPANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid [X] Gas ☐ EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	A 2 4 A 2 4 A 2 4 A 2 4 A 2 4 A 2 4	MO235 200W AREA MO244 200W AREA 609 600 AREA 609A 600 AREA MO428 600 AREA MO979 600 AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

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Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
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Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1994

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7440 23 5; Trade Secret ☐ Chem. Name: SODIUM Check all that apply: [X] Pure ☐ Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	Type Pres Temp C 1 4 1720DR 100DR AREA C 1 4 221T 200W AREA C 1 4 2727W 200W AREA D 1 4 2727WA 200W AREA D 1 4 ALKALI METAL STORAGE MODULES 200W AREA C 1 4 335 300 AREA	☐
CAS 7440 23 5; Trade Secret ☐ Chem. Name: SODIUM Check all that apply: [X] Pure ☐ Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 335 300 AREA C 1 4 335A 300 AREA B 2 4 337 300 AREA B 2 4 3718M 300 AREA C 2 5 403 400 AREA C 2 5 405 400 AREA	☐
CAS 7440 23 5; Trade Secret ☐ Chem. Name: SODIUM Check all that apply: [X] Pure ☐ Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 4843 400 AREA D 1 4 213K 600 AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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☐ I have attached a list of site coordinate abbreviations
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A-6000-633 (02/92)

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

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Name: Title:
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Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 497-19-8 Trade Secret ☐ Chem. Name: SODIUM CARBONATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 1 4 1706KE 100K AREA N 1 4 MO425 100N AREA N 1 4 1169 1100 AREA M 1 4 202A 200E AREA K 1 4 202A 200E AREA N 1 4 2703E 200E AREA	☐
CAS 497-19-8 Trade Secret ☐ Chem. Name: SODIUM CARBONATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	J 1 4 2714A 200E AREA J 1 4 275EA 200E AREA M 1 4 222S 200W AREA N 1 4 222S 200W AREA M 1 4 222SA 200W AREA N 1 4 222SA 200W AREA	☐
CAS 497-19-8 Trade Secret ☐ Chem. Name: SODIUM CARBONATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	I 1 4 224U 200W AREA N 1 4 234-5Z 200W AREA F 1 4 234-5Z 200W AREA D 1 4 234-5Z 200W AREA C 1 4 236Z 200W AREA F 1 4 236Z 200W AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed: 02/22/95

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 497198 Trade Secret ☐ Chem. Name: SODIUM CARBONATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	I 14 236Z 200W AREA I 14 2715UA 200W AREA F 14 2715UA 200W AREA F 14 271T 200W AREA I 14 303F 300 AREA D 14 305 300 AREA	☐
CAS 497198 Trade Secret ☐ Chem. Name: SODIUM CARBONATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N 14 306E 300 AREA I 14 310 300 AREA J 14 325 300 AREA N 14 747 700 AREA	☐
CAS 7647145 Trade Secret ☐ Chem. Name: SODIUM CHLORIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	J 14 202A 200E AREA J 14 225B 200E AREA J 14 2707E 200E AREA J 14 271B 200E AREA J 14 276B 200E AREA B 14 284E 200E AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
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SIC Code: 9999 Dun & Brad Number: 03-445-6186

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Emergency Contact

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Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7647-14-5 Trade Secret ☐ Chem. Name: SODIUM CHLORIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B14 200ZP2 200W AREA J14 214T 200W AREA J14 2402WE 200W AREA J14 2715UA 200W AREA B14 284W 200W AREA D14 325 300 AREA	☐
CAS 7647-14-5 Trade Secret ☐ Chem. Name: SODIUM CHLORIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	J14 329 300 AREA J14 331 300 AREA J14 331D 300 AREA B14 384 300 AREA	☐
CAS 1310-73-2 Trade Secret ☐ Chem. Name: SODIUM HYDROXIDE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M14 UBIQUITOUS N14 UBIQUITOUS F14 UBIQUITOUS D14 UBIQUITOUS E14 UBIQUITOUS J14 UBIQUITOUS	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

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Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 1310 73 2; Trade Secret ☐; Chem. Name: SODIUM HYDROXIDE; Check all that apply: Pure [X], Mix [X], Solid [X], Liquid [X], Gas ☐, EHS ☐; EHS Name:	Fire ☐; Sudden Release of Pressure ☐; Reactivity ☐; Immediate (acute) [X]; Delayed (chronic) [X]	Max. Daily Amount (code): 05; Avg. Daily Amount (code): 05; No. of Days On-Site (days): 365	I 1 4 K 1 4 A 1 4 C 1 5 C 1 4 C 1 4	UBIQUITIOUS UBIQUITIOUS 183N 100N AREA 1171 1100 AREA 202A 200E AREA 204AR 200E AREA	☐
CAS 1310 73 2; Trade Secret ☐; Chem. Name: SODIUM HYDROXIDE; Check all that apply: Pure [X], Mix [X], Solid [X], Liquid [X], Gas ☐, EHS ☐; EHS Name:	Fire ☐; Sudden Release of Pressure ☐; Reactivity ☐; Immediate (acute) [X]; Delayed (chronic) [X]	Max. Daily Amount (code): 05; Avg. Daily Amount (code): 05; No. of Days On-Site (days): 365	A 1 4 A 1 4 A 1 4 A 1 4 A 1 4 A 1 4	211A 200E AREA 211B 200E AREA 211BA 200E AREA 271B 200E AREA 241Z 200W AREA 310 300 AREA	☐
CAS 7632 00 0; Trade Secret ☐; Chem. Name: SODIUM NITRITE; Check all that apply: Pure [X], Mix [X], Solid [X], Liquid [X], Gas ☐, EHS ☐; EHS Name:	Fire [X]; Sudden Release of Pressure ☐; Reactivity ☐; Immediate (acute) [X]; Delayed (chronic) ☐	Max. Daily Amount (code): 04; Avg. Daily Amount (code): 04; No. of Days On-Site (days): 365	M 1 4 N 1 4 C 1 4 M 1 4 C 1 4 J 1 4	1706KE 100K AREA 1706KE 100K AREA 202A 200E AREA 202A 200E AREA 204AR 200E AREA 204AR 200E AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7632-00-0; Trade Secret ☐ Chem. Name: SODIUM NITRITE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N14 2703E 200E AREA J14 2714A 200E AREA J14 271B 200E AREA R14 271B 200E AREA J14 275EA 200E AREA J14 291B 200E AREA	☐
CAS 7632-00-0; Trade Secret ☐ Chem. Name: SODIUM NITRITE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R14 291B 200E AREA J14 221T 200W AREA M14 222S 200W AREA N14 222S 200W AREA I14 222SA 200W AREA M14 222SA 200W AREA	☐
CAS 7632-00-0; Trade Secret ☐ Chem. Name: SODIUM NITRITE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N14 222SA 200W AREA N14 234-5Z 200W AREA F14 236Z 200W AREA F14 241Z 200W AREA J14 241Z 200W AREA M14 6266 600 AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7632-00-0 Trade Secret ☐ Chem. Name: SODIUM NITRITE Check all that apply: [X] Pure [X] Mix [X] Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	M 1 4 747 700 AREA	☐
CAS 7772-98-7 Trade Secret ☐ Chem. Name: SODIUM THIOSULFATE Check all that apply: [X] Pure [X] Mix [X] Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	N 1 4 202A 200E AREA J 1 4 275EA 200E AREA M 1 4 3705 300 AREA I 1 4 3746D 300 AREA M 1 4 747 700 AREA	☐
CAS 64741-96-4 Trade Secret ☐ Chem. Name: SOLVENT-REFINED HEAVY NAPHTHENIC DISTILLATE (PETROLEUM) Check all that apply: ☐ Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 04 No. of Days On-Site (days): 365	D 1 4 190KE 100K AREA D 1 4 1171 1100 AREA D 1 4 1176 1100 AREA D 1 4 2711E 200E AREA C 1 4 2715B 200E AREA D 1 4 221T 200W AREA	☐

Certification *(Read and sign after completing all sections)*

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800

Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 647419 6 Trade Secret ☐ Chem. Name: SOLVENT-REFINED HEAVY NAPHTHENIC DISTILLATE (PETROLEUM) Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 2713WB 200W AREA D 1 4 271T 200W AREA D 1 4 3709A 300 AREA	☐
CAS 647418 8 Trade Secret ☐ Chem. Name: SOLVENT-REFINED HEAVY PARAFFINIC DISTILLATE (PETROLEUM) Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 1 4 200E AREA TRANSFORMERS R 1 4 2101M 200E AREA C 1 4 2715B 200E AREA R 1 4 200W AREA TRANSFORMERS R 1 4 300 AREA TRANSFORMERS D 1 4 3709A 300 AREA	☐
CAS 647418 8 Trade Secret ☐ Chem. Name: SOLVENT-REFINED HEAVY PARAFFINIC DISTILLATE (PETROLEUM) Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	R 1 4 600 AREA TRANSFORMERS	☐

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Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

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Date signed

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
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Reporting Period: From January 1 to December 31, 19 94

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Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 7664 93 9 Trade Secret ☐ Chem. Name SULFURIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name SULFURIC ACID	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	M14 1706KE 100K AREA M14 183KE 100K AREA A14 107N 100N AREA A14 163N 100N AREA M14 1169 1100 AREA M14 202A 200E AREA	☐
CAS 7664 93 9 Trade Secret ☐ Chem. Name SULFURIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name SULFURIC ACID	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	E14 211BA 200E AREA A14 211BA 200E AREA E14 217B 200E AREA E14 2703E 200E AREA M14 2703E 200E AREA N14 271B 200E AREA	☐
CAS 7664 93 9 Trade Secret ☐ Chem. Name SULFURIC ACID Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas [X] EHS EHS Name SULFURIC ACID	X Fire Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	N14 275EA 200E AREA K14 214T 200W AREA M14 222S 200W AREA M14 222SA 200W AREA N14 222SA 200W AREA M14 234-5Z 200W AREA	☐

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Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

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TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

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Street: 825 Jadwin Avenue
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☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 7664 93 9; Trade Secret ☐ Chem. Name: SULFURIC ACID Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas ☐ EHS [X] EHS Name: SULFURIC ACID	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4 M 1 4 N 1 4 N 1 4 A 1 4 M 1 4	234-5Z 200W AREA 2716S 200W AREA 2716S 200W AREA 306E 300 AREA 310 300 AREA 325 300 AREA	☐
CAS 7664 93 9; Trade Secret ☐ Chem. Name: SULFURIC ACID Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas ☐ EHS [X] EHS Name: SULFURIC ACID	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	E 1 4 M 1 4 N 1 4 N 1 4 R 1 4 R 1 4	333 300 AREA 3705 300 AREA 3705 300 AREA 3746D 300 AREA 427 400 AREA 4862 400 AREA	☐
CAS 7664 93 9; Trade Secret ☐ Chem. Name: SULFURIC ACID Check all that apply: Pure [X] Mix [X] Solid ☐ Liquid [X] Gas ☐ EHS [X] EHS Name: SULFURIC ACID	[X] Fire ☐ Sudden Release of Pressure ☐ Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	E 1 4 N 1 4 M 1 4 M 1 4	PIT 6 600 AREA 6266 600 AREA 6266 600 AREA 747 700 AREA	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 52, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

[X] I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # / Date Received

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: Title:
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Type / Pres / Temp	Storage Locations	Opt
CAS 7569-4 Trade Secret ☐ Chem. Name TRICHLOROFLUOROMETHANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 D 1 4 F 1 4 D 1 4 L 2 4 L 2 4	1706KE 100K AREA 190KE 100K AREA 190KE 100K AREA 105NA 100N AREA 234-5Z 200W AREA M0721 200W AREA	☐
CAS 7569-4 Trade Secret ☐ Chem. Name TRICHLOROFLUOROMETHANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	L 2 4 C 3 4 D 1 4 L 2 4 D 1 4 D 1 4	331D 300 AREA 337 300 AREA 3717 300 AREA 3717 300 AREA 427 400 AREA 4831 400 AREA	☐
CAS 7569-4 Trade Secret ☐ Chem. Name TRICHLOROFLUOROMETHANE Check all that apply: [X] Pure [X] Mix ☐ Solid [X] Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	D 1 4	607 600 AREA	☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

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A-6000-633 (02/92)

Washington Community Right-To-Know #: WA7890008967

TIER TWO
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: U.S. Department of Energy - Hanford Site
Street: 825 Jadwin Avenue
City: Richland County: Benton State: WA Zip: 99352
SIC Code: 9999 Dun & Brad Number: 03-445-6186

For Official Use Only: ID # ____ Date Received ____

Owner/Operator Name

Name: U.S. Department of Energy Phone: (509) 376-7411
Mail Address: P.O. Box 550, Richland WA 99352

Emergency Contact

Name: John B. Hall Title: Team Leader, Public Safety and Medical Programs Team
Phone: (509) 372-1677 24 Hr. Phone: (509) 373-3800
Name: ____ Title: ____
Phone: ( ) 24 Hr. Phone: ( )

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt
CAS 8006 61 9 Trade Secret ☐ Chem. Name: UNLEADED GASOLINE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire X Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 1172A 1100 AREA A 1 4 1174 1100 AREA B 1 4 2713E 200E AREA A 1 4 200UP1 200W AREA B 1 4 2713W 200W AREA A 1 4 3701N 300 AREA	☐
CAS 8006 61 9 Trade Secret ☐ Chem. Name: UNLEADED GASOLINE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	X Fire X Sudden Release of Pressure Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-Site (days)	B 1 4 382 300 AREA A 1 4 1226 3000 AREA B 1 4 4704S 400 AREA A 1 4 M0723 600 AREA	☐
CAS Trade Secret ☐ Chem. Name: Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	Max. Daily Amount (code) Avg. Daily Amount (code) No. of Days On-Site (days)		☐

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James E. Rasmussen, Acting Program Manager
Office of Environmental Assurance, Permits, and Policy
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

02/22/95
Date signed

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of dikes and other safeguard measures

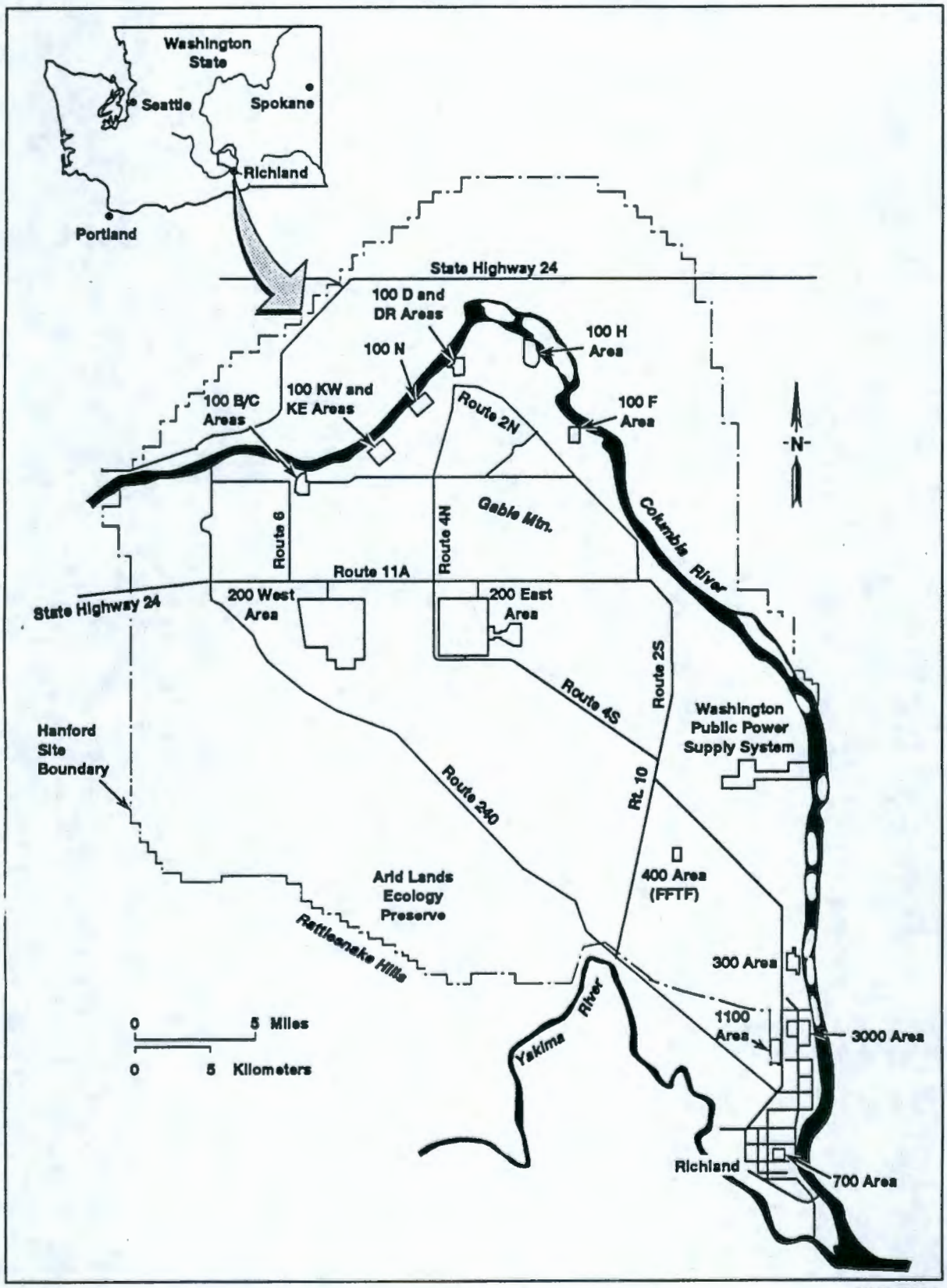
9513336.2107

1994 Tier Two Emergency and
Hazardous Chemical Inventory

Section V:

Site Plans

The Hanford Site



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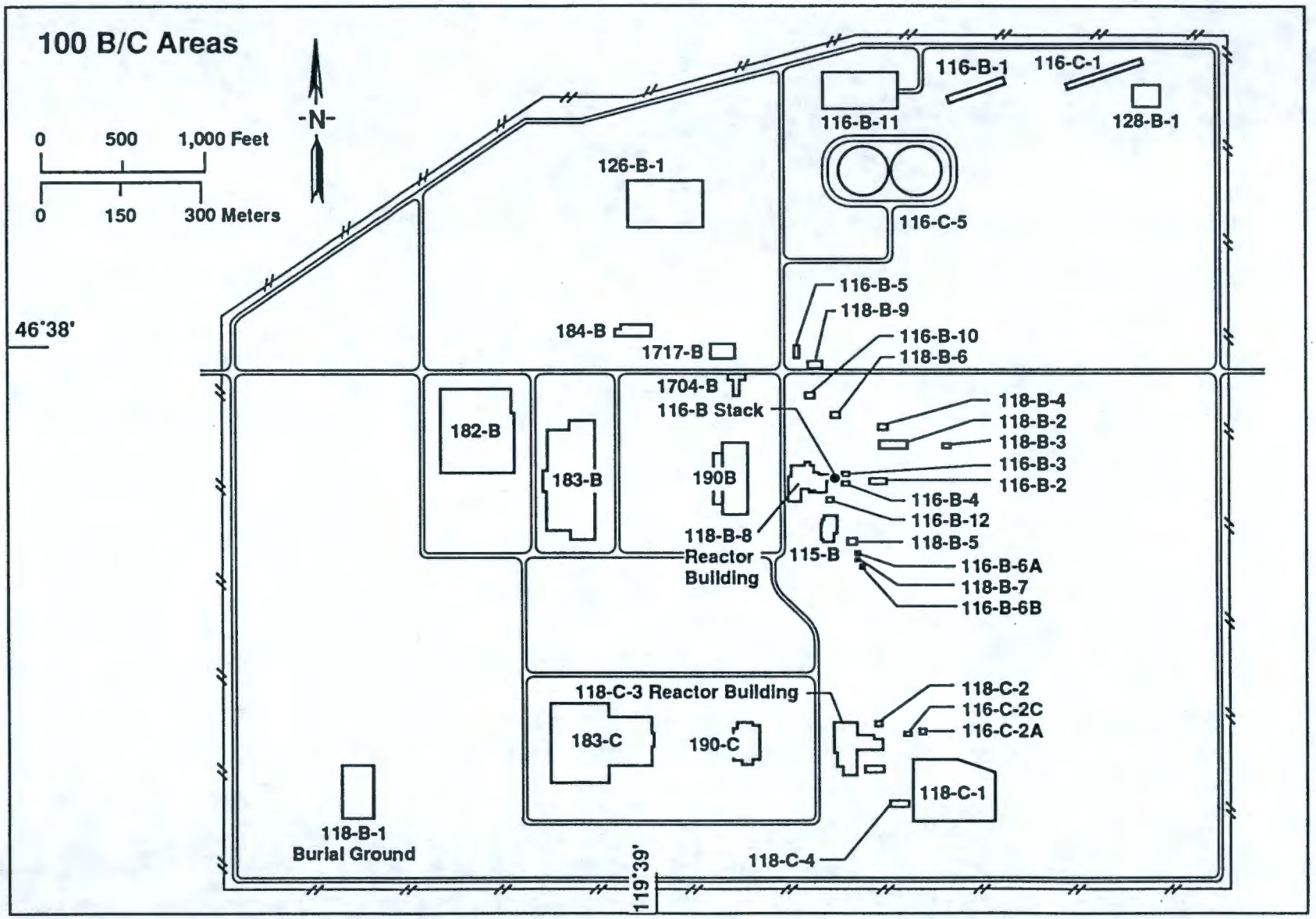

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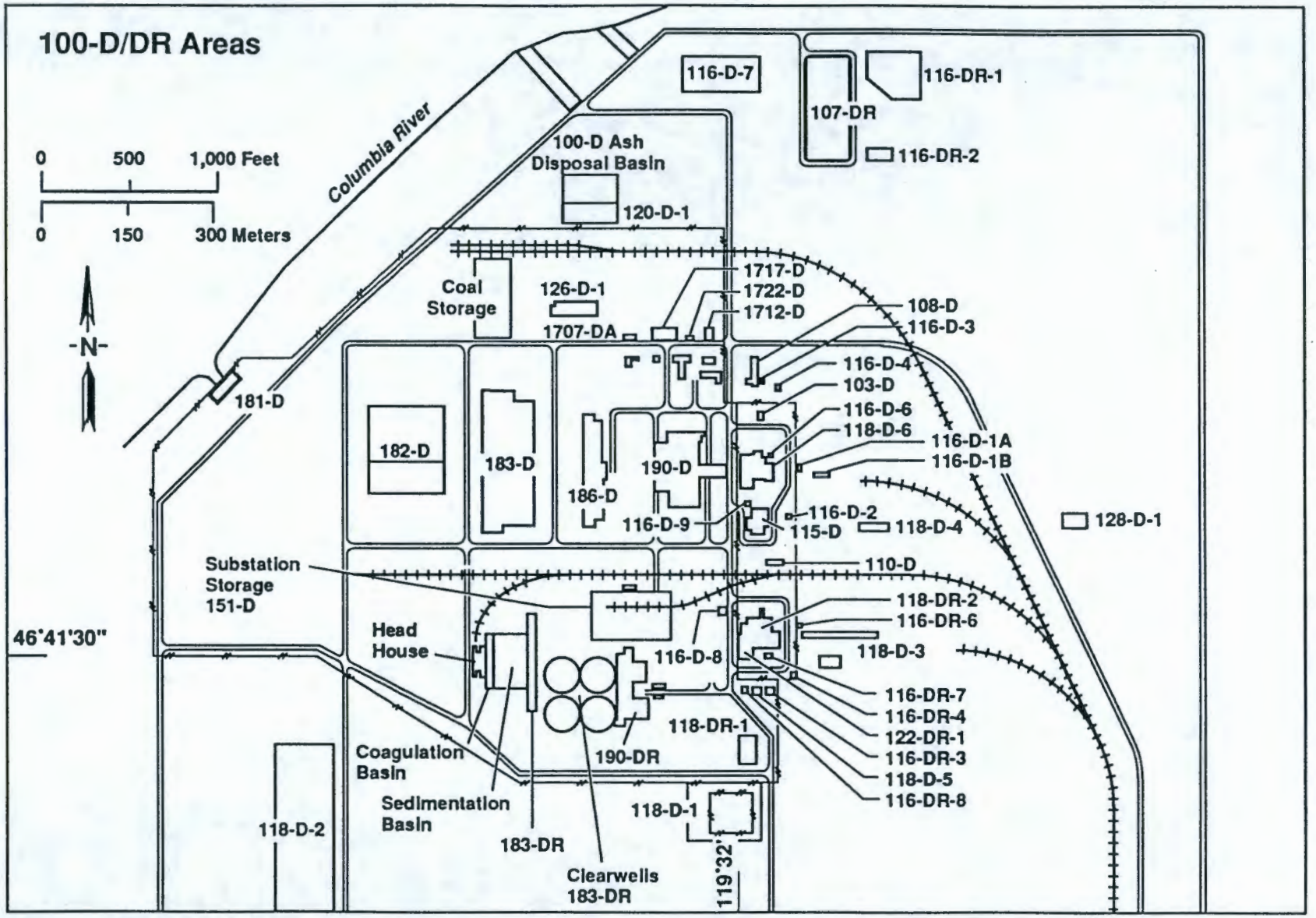

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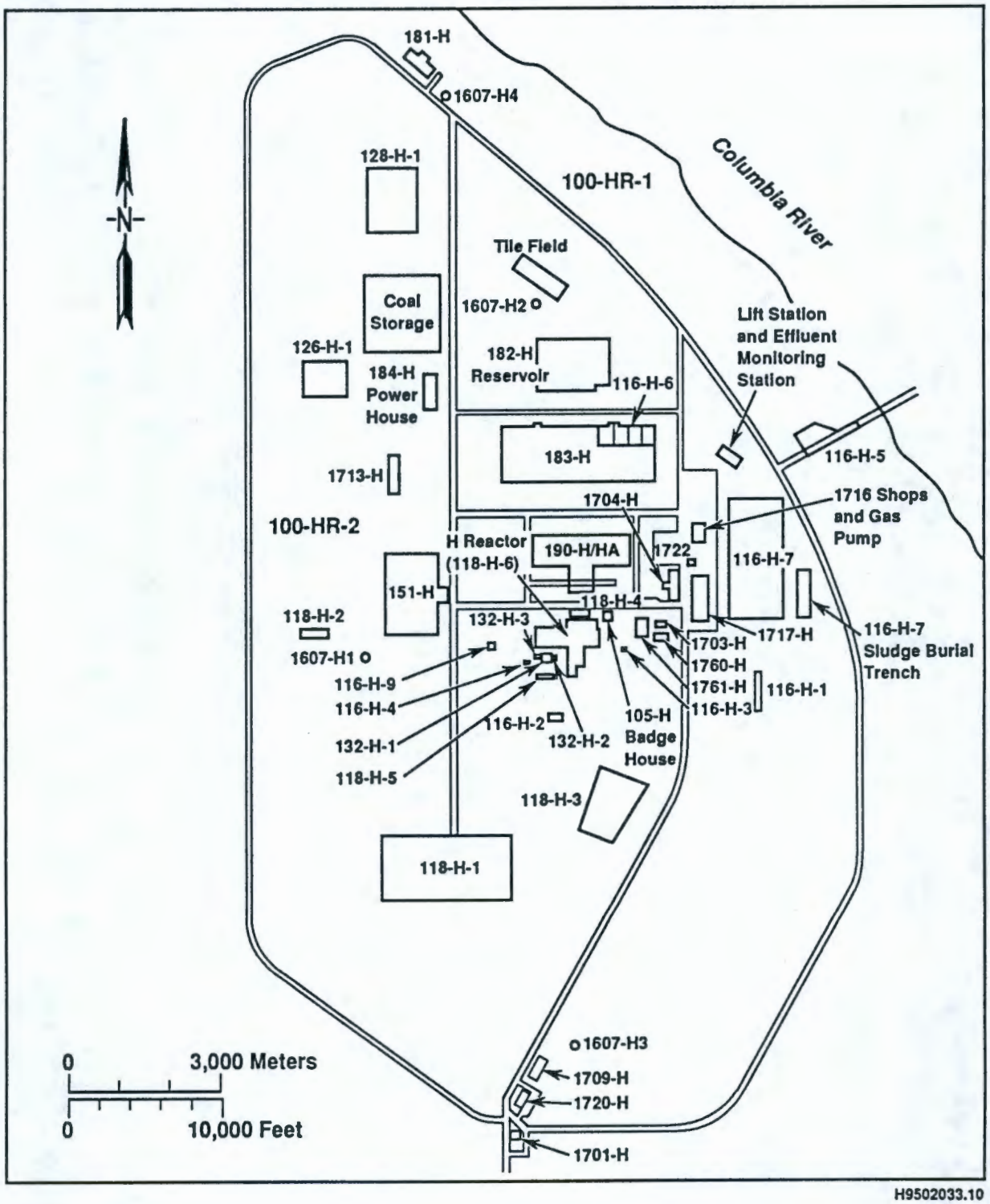
100-H Area



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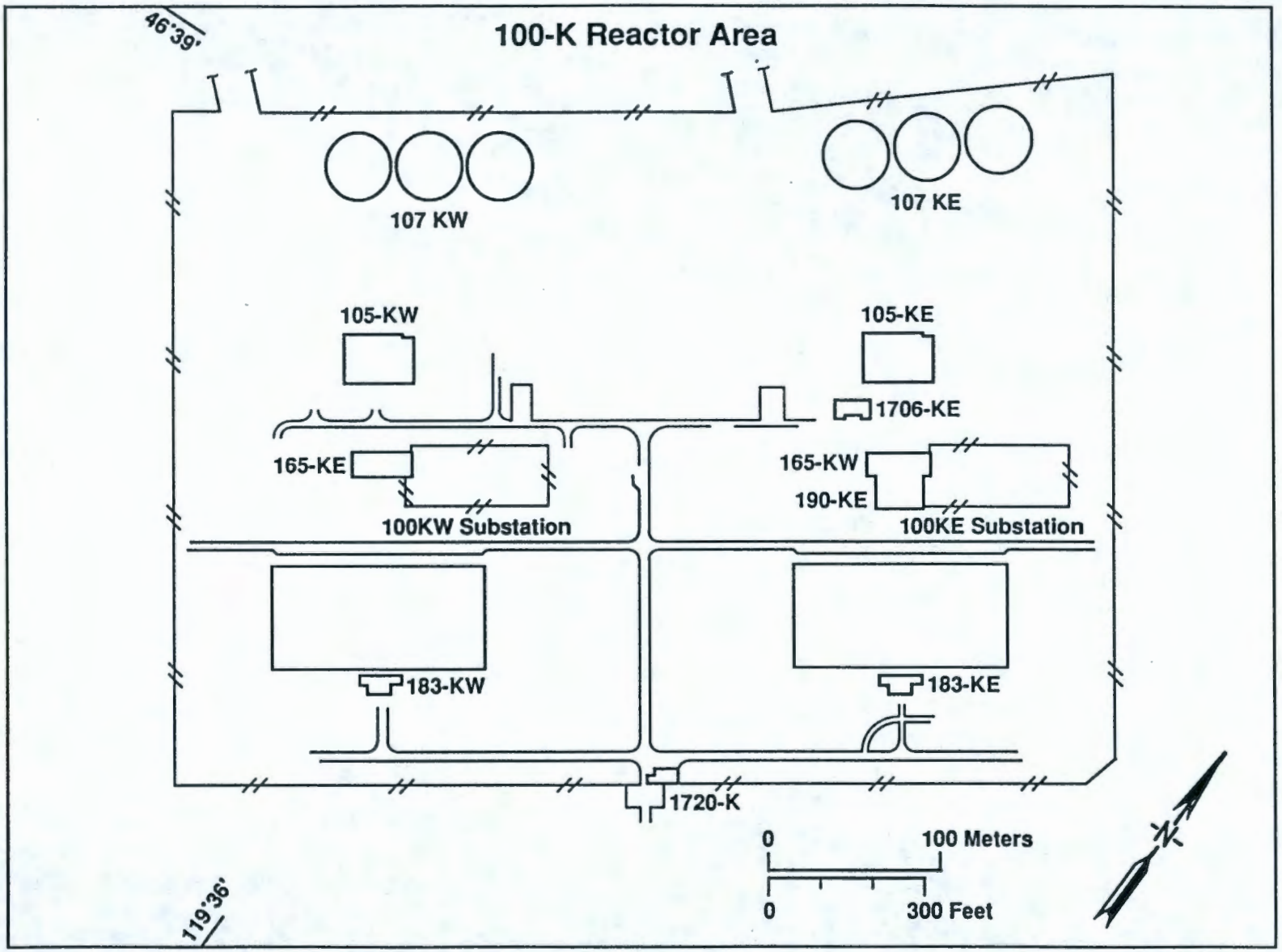

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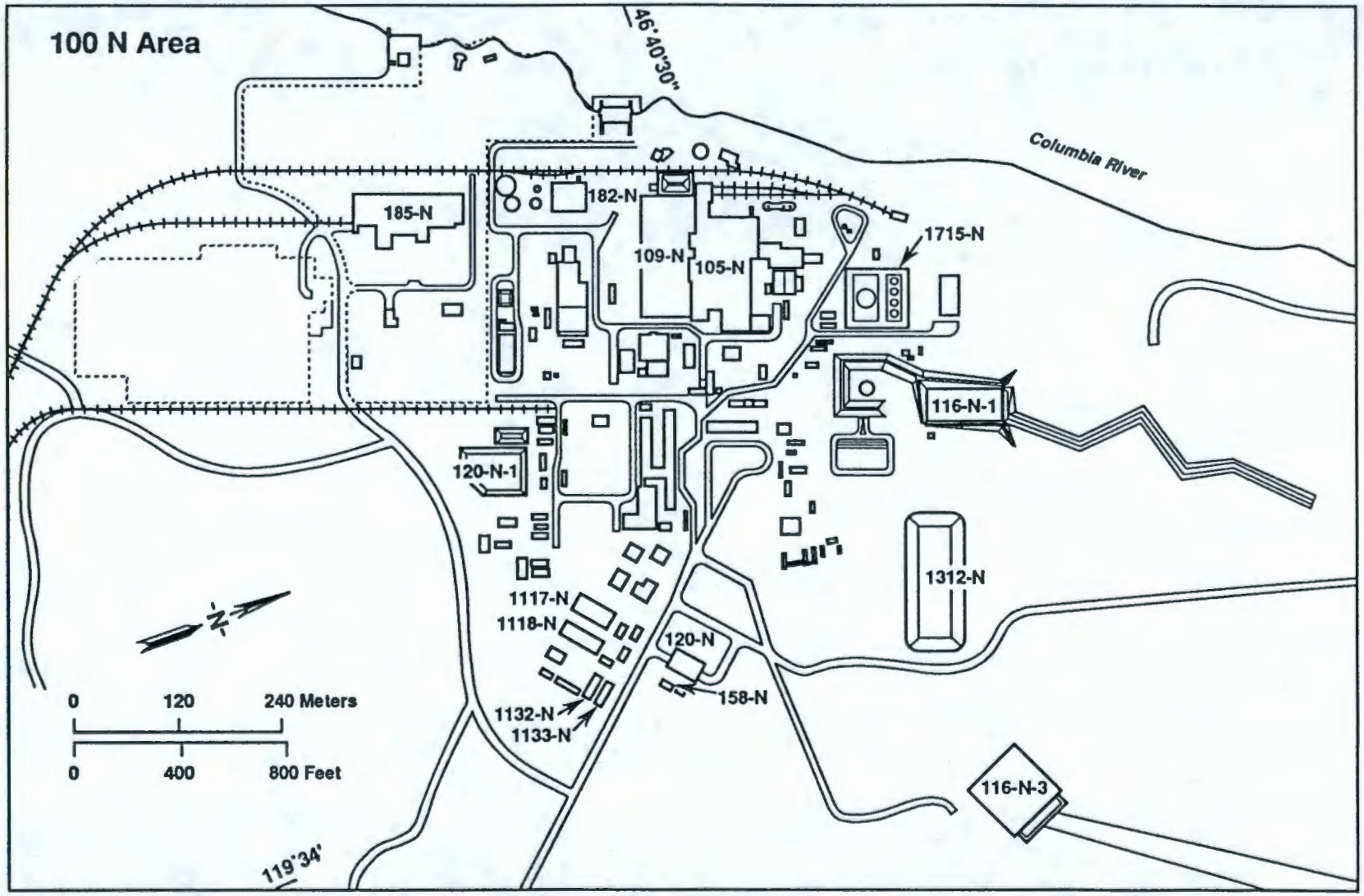

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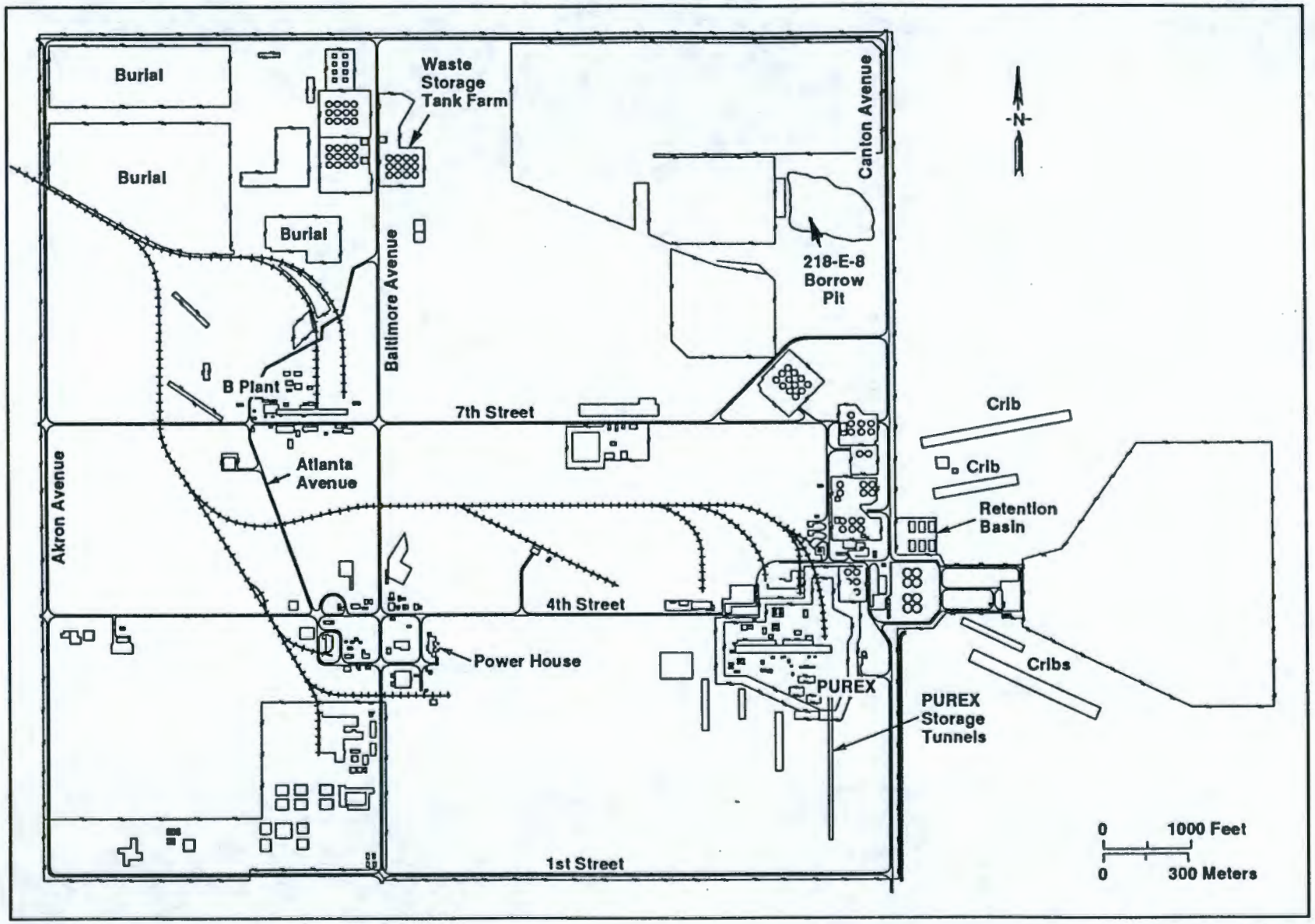

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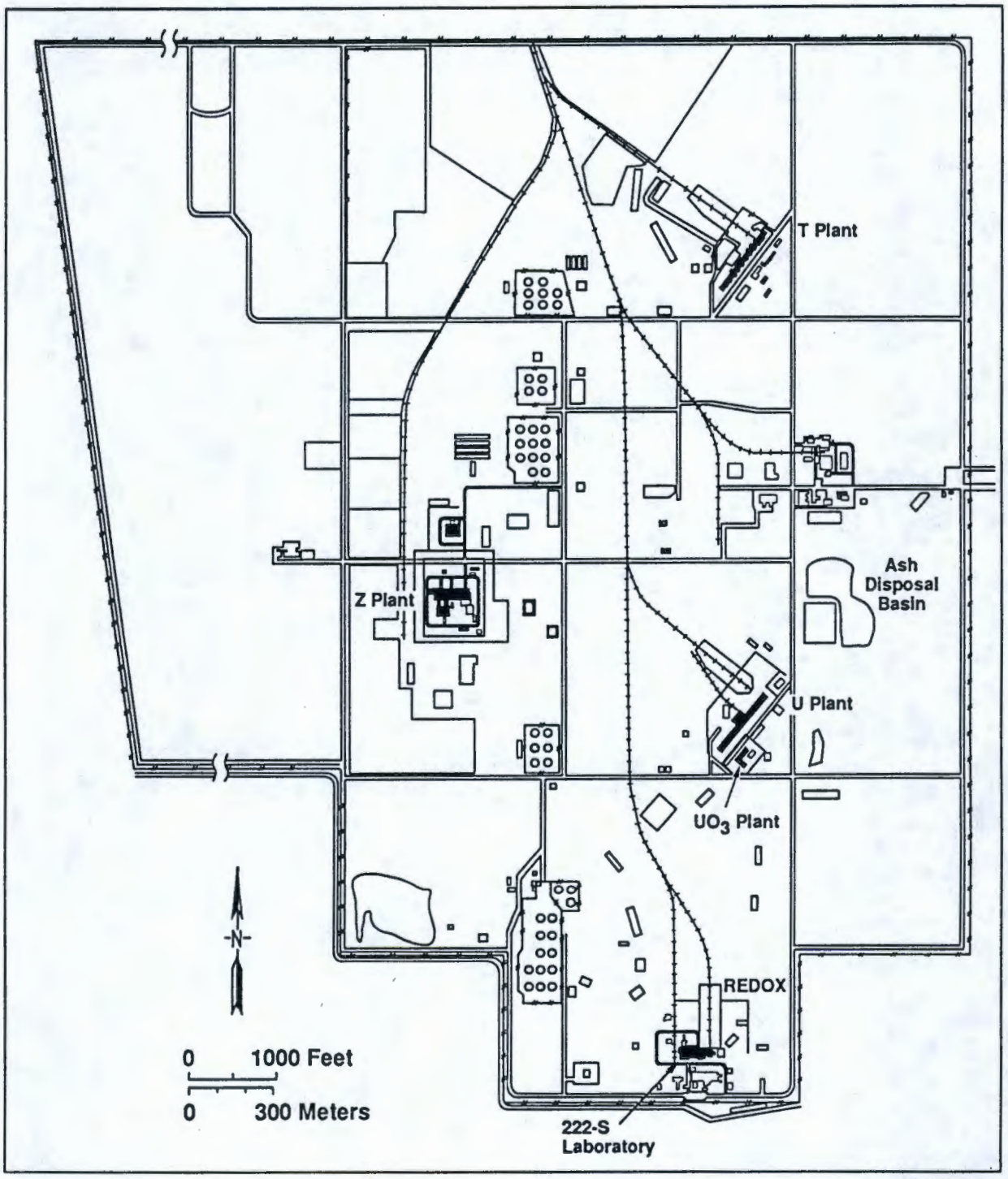

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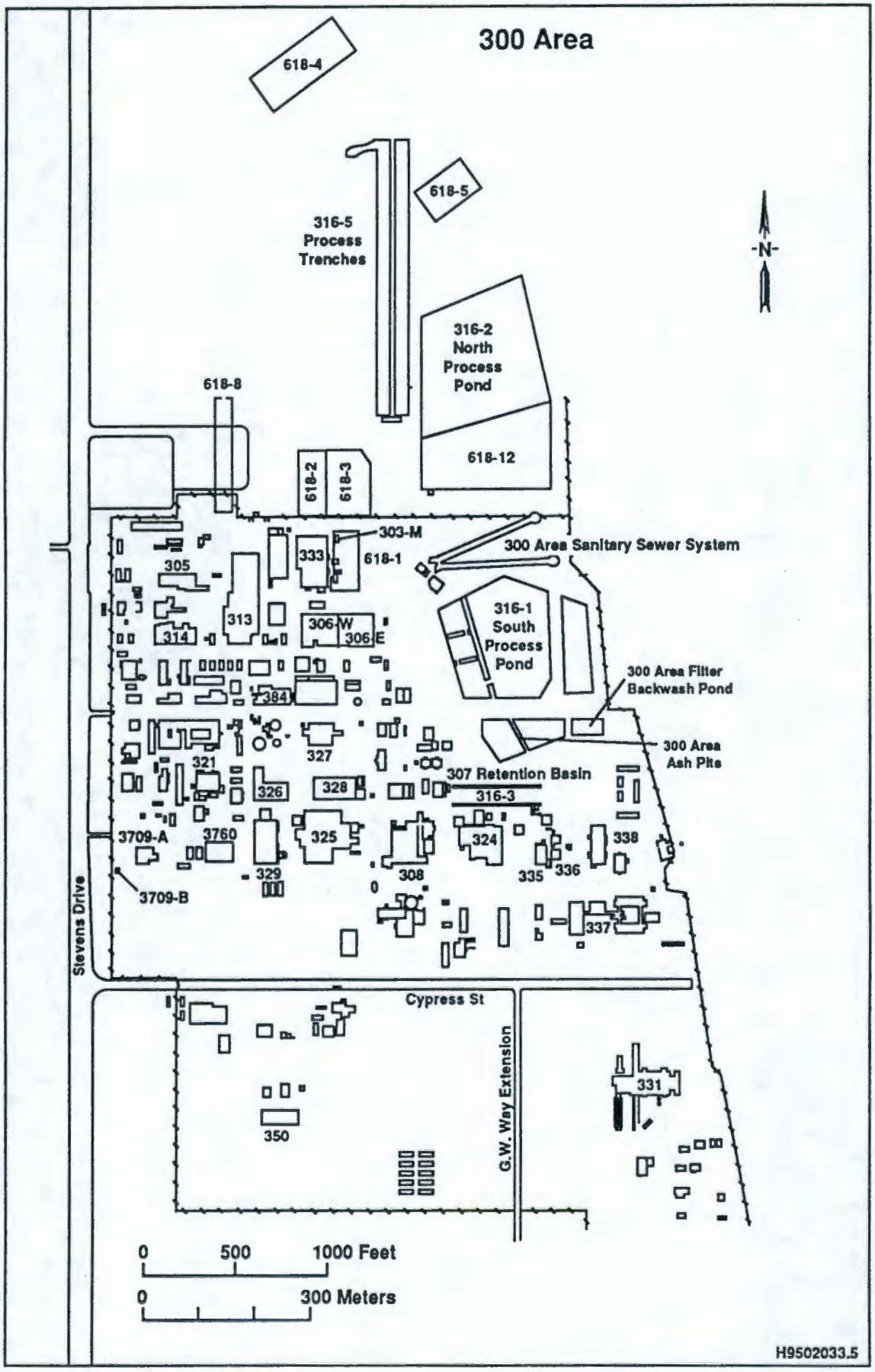

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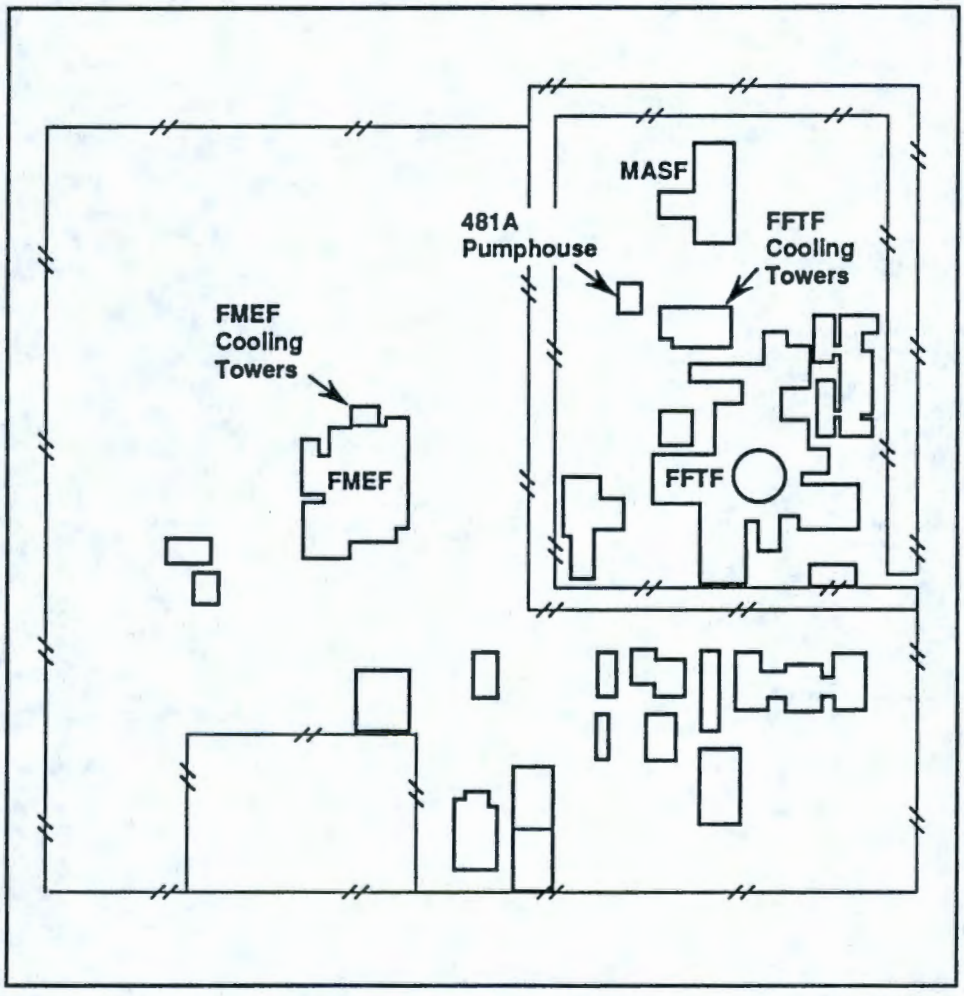
400 Area



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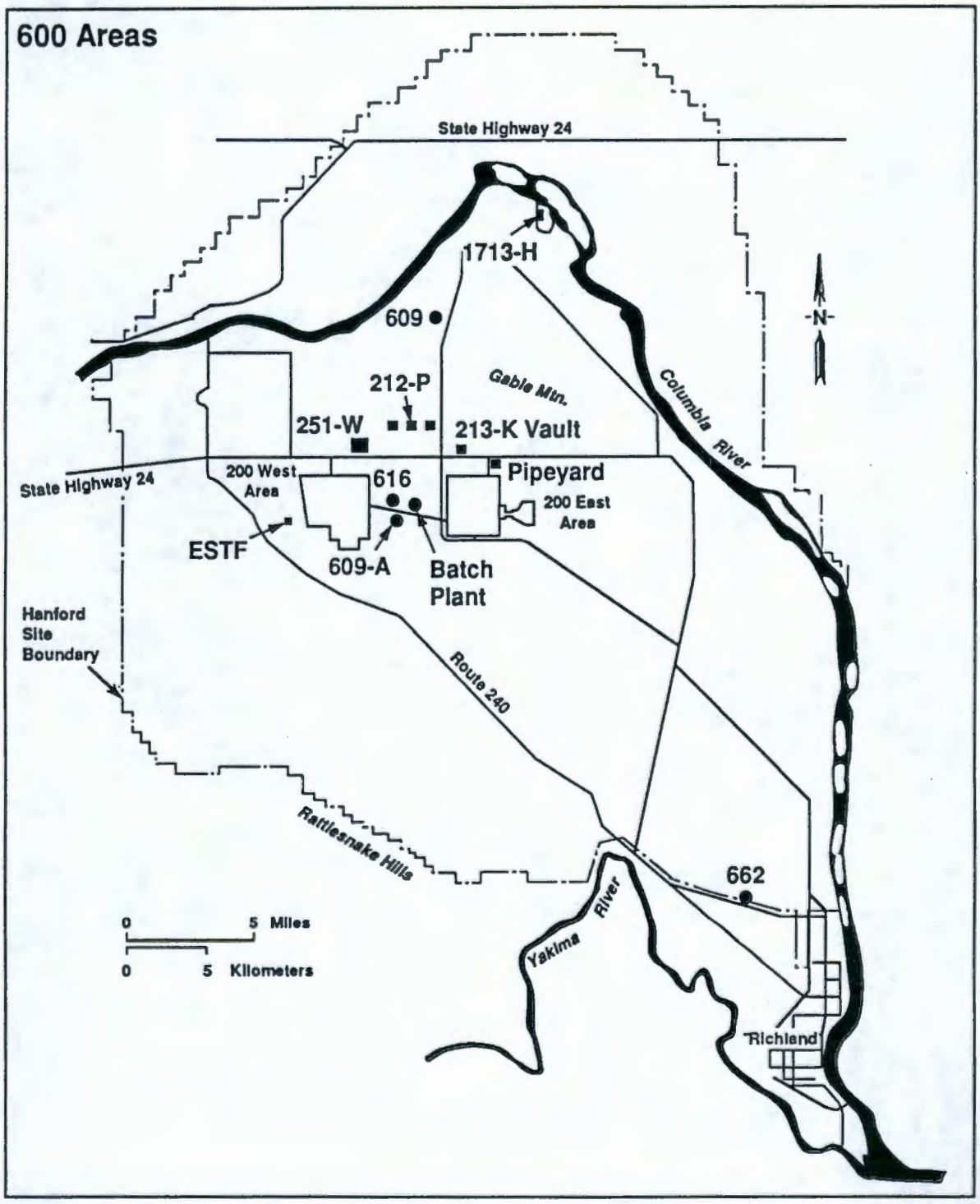
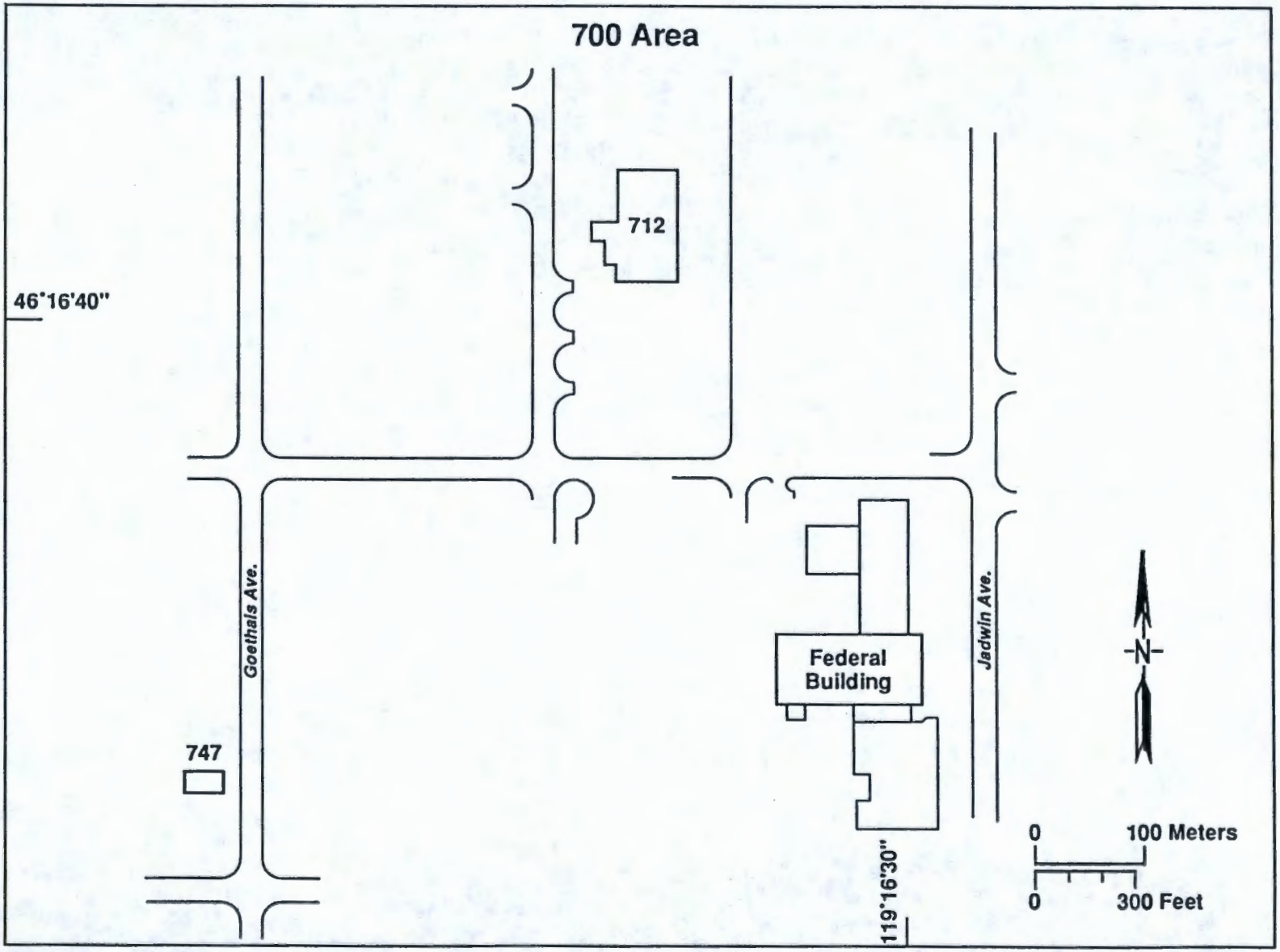

600 Areas
State Highway 24
1713-H
609
-N-
212-P
Gable Mtn.
Columbia River
251-W
213-K Vault
State Highway 24
200 West Area
616
Pipeyard
200 East Area
ESTF
609-A
Batch Plant
Hanford Site Boundary
Route 240
Rattlesnake Hills
662
0 5 Miles
0 5 Kilometers
Yakima River
Richland

H9502033.6



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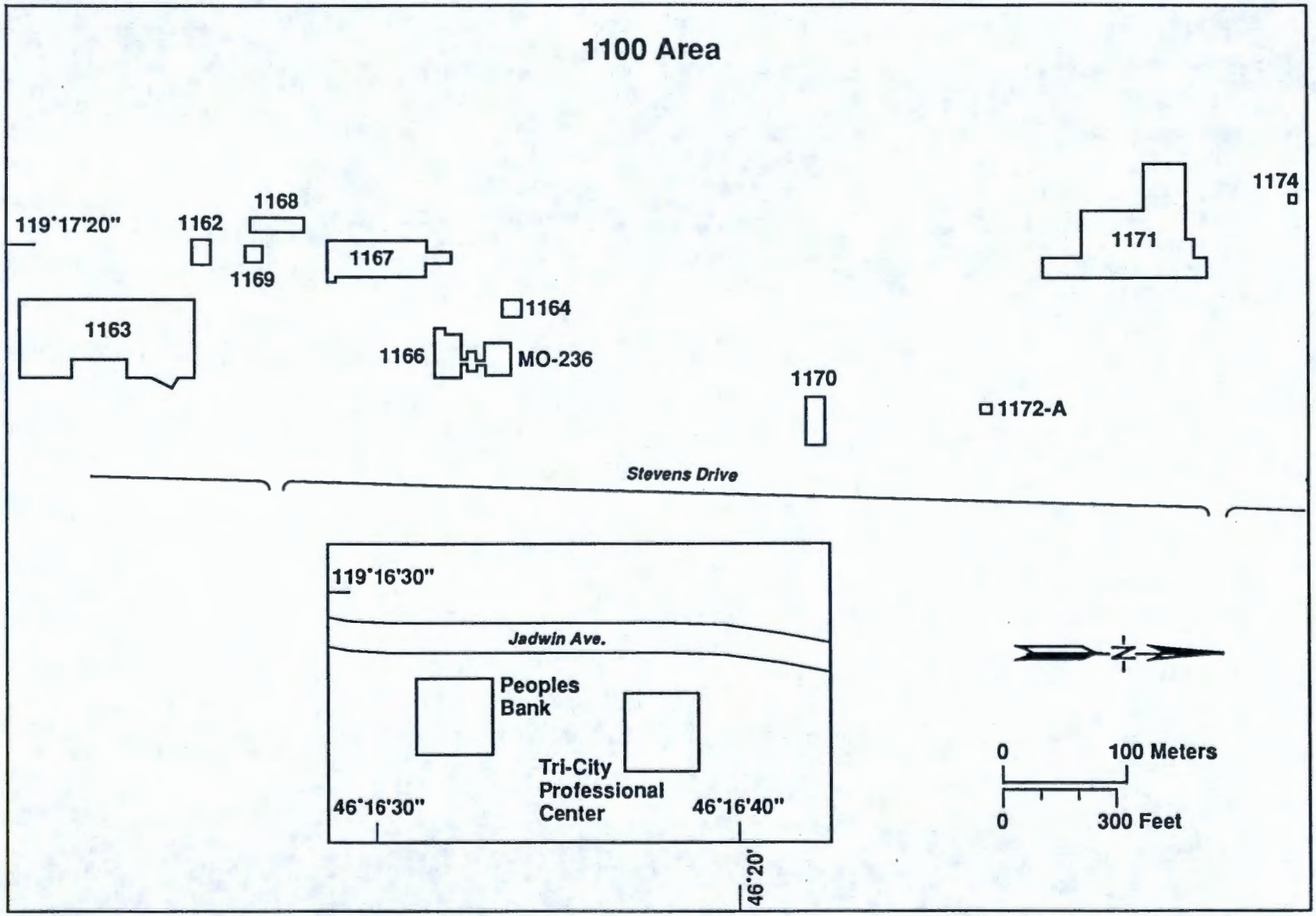

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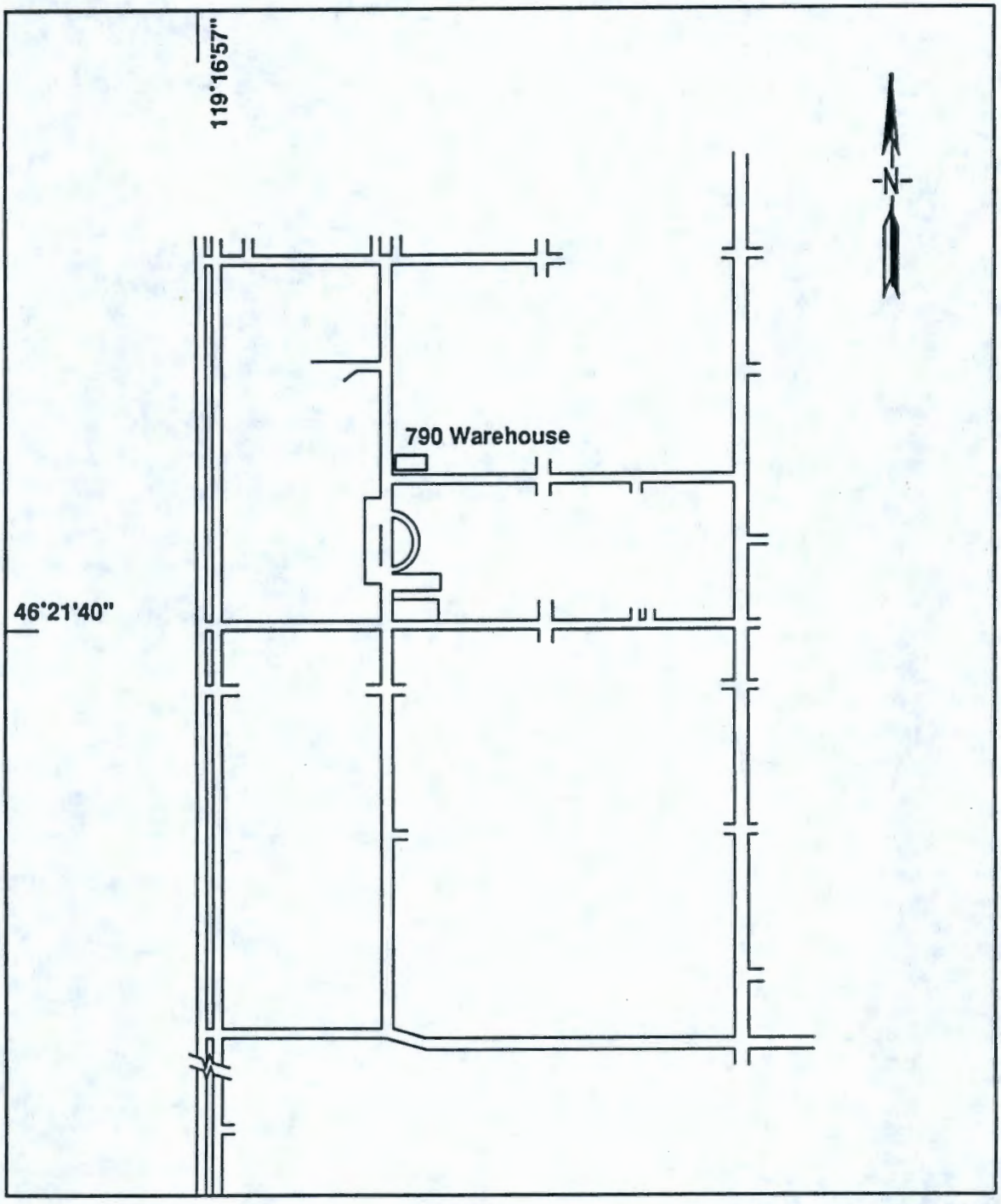
3000 Area North



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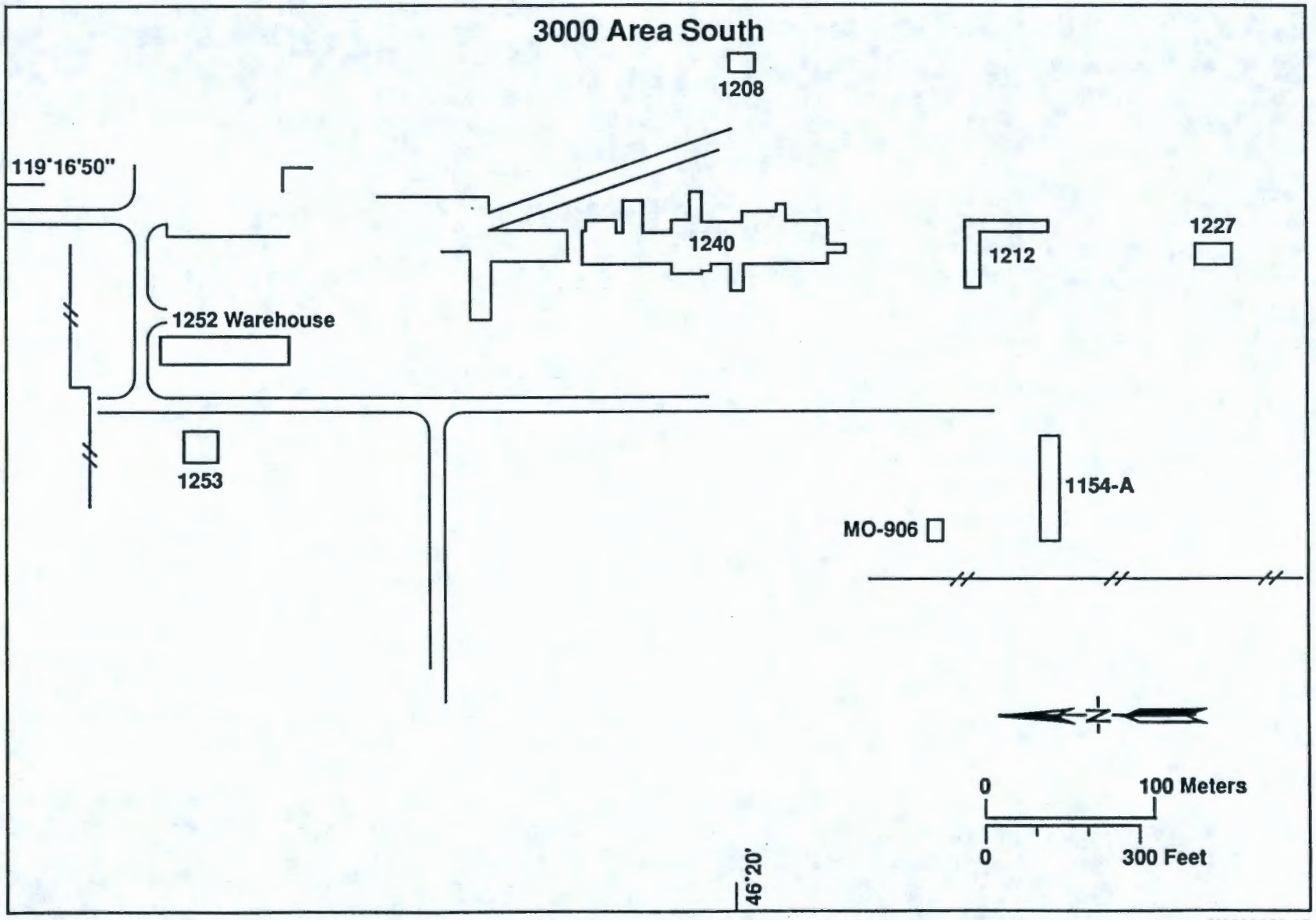

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