



Department of Energy

9305715

Richland Field Office

P.O. Box 550

Richland, Washington 99352

93-RPS-337

SEP 02 1993

Ms. Dru Butler, Program Manager
Nuclear and Mixed Waste Program
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600



Dear Ms. Butler:

HANFORD FACILITY DANGEROUS WASTE PART A PERMIT APPLICATION FORM 3, REVISION 5,
FOR THE 616 NONRADIOACTIVE DANGEROUS WASTE STORAGE FACILITY (WA7890008967)
(TSD: S-6-1)

Enclosed is the Hanford Facility Dangerous Waste Part A Permit Application
(Part A) Form 3, Revision 5, for the 616 Nonradioactive Dangerous Waste
Storage Facility (616 NRDWSF). The 616 NRDWSF is located in the 600 Area of
the Hanford Facility and is used for interim storage of nonradioactive
dangerous waste prior to offsite treatment or disposal.

The Part A has been revised to add Dangerous Waste Codes U109, U114, U207,
U212, U232, U233, U248, U249, F025, and state-only codes WL01, and WL02.
These dangerous waste codes were added because they have the potential of
being stored in the 616 NRDWSF.

The Part A has also been revised to delete Dangerous Waste Codes U040, U139,
U175, U231, U241, U242, P025, P035, P052, and P079. A review of Washington
Administrative Code (WAC) 173-303 shows that these dangerous waste codes have
never been included or have been deleted from the WAC 173-303-9903 "Discarded
Chemical Products List." The dangerous waste codes have been added or
deleted in accordance with WAC 173-303. This regulation requires submittal of
a revised Part A that identifies any changes to the dangerous waste codes to
be handled at a treatment, storage and/or disposal unit with interim status.

9 3 1 3 0 2 6 1 9 5 2

Ms. Dru Butler
93-RPS-337

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Should you have any questions regarding the 616 NRDSWF Part A, Revision 5, please contact Mr. C. E. Clark of the U.S. Department of Energy, Richland Operations Office on (509) 376-9333 or Mr. R. C. Bowman of the Westinghouse Hanford Company on (509) 376-4876.

Sincerely,

Robert S. Holt
Robert G. Holt, Program Manager
Office of Environmental Assurance,
Permits, and Policy
DOE Richland Operations Office

R. E. Lerch
R. E. Lerch, Deputy Director
Restoration and Remediation
Westinghouse Hanford Company

Enclosure:
616 NRDSWF Dangerous Waste
Part A Permit Application
Form 3, Revision 5

cc w/encl:
D. L. Duncan, EPA (w/encl.)
D. L. Nylander, Ecology (w/encl.)
D. R. Sherwood, EPA (w/encl.)
Administrative Records, H6-08 (w/encl.)

cc w/o encl:
R. C. Bowman, WHC
W. H. Hamilton, Jr., WHC
R. E. Lerch, WHC
T. M. Michelena, Ecology
S. M. Price, WHC

93130261953

Please print or type in the unshaded areas only
 (Fill-in areas are spaced for elite type, i.e., 12 character/inch).

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	1. EPA/STATE I.D. NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">W</td> <td style="width: 20px; text-align: center;">A</td> <td style="width: 20px; text-align: center;">7</td> <td style="width: 20px; text-align: center;">8</td> <td style="width: 20px; text-align: center;">9</td> <td style="width: 20px; text-align: center;">0</td> <td style="width: 20px; text-align: center;">0</td> <td style="width: 20px; text-align: center;">0</td> <td style="width: 20px; text-align: center;">8</td> <td style="width: 20px; text-align: center;">9</td> <td style="width: 20px; text-align: center;">6</td> <td style="width: 20px; text-align: center;">7</td> </tr> </table>	W	A	7	8	9	0	0	0	8	9	6	7
W	A	7	8	9	0	0	0	8	9	6	7			

FOR OFFICIAL USE ONLY		COMMENTS
APPLICATION APPROVED	DATE RECEIVED <i>(mo., day, & yr.)</i>	

II. FIRST OR REVISED APPLICATION
 Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or if this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

<input type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.) <table style="width:100%;"> <tr> <td style="width: 30%;">MO.</td> <td style="width: 30%;">DAY</td> <td style="width: 30%;">YR.</td> </tr> <tr> <td style="text-align: center;">09</td> <td style="text-align: center;"> </td> <td style="text-align: center;">86</td> </tr> </table> FOR EXISTING FACILITIES, PROVIDE THE DATE (mo., day, & yr.) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)	MO.	DAY	YR.	09		86	<input type="checkbox"/> 2. NEW FACILITY (Complete item below) <table style="width:100%;"> <tr> <td style="width: 30%;">MO.</td> <td style="width: 30%;">DAY</td> <td style="width: 30%;">YR.</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> </table> FOR NEW FACILITIES, PROVIDE THE DATE (mo., day, & yr.) OPERATION BEGAN OR IS EXPECTED TO BEGIN	MO.	DAY	YR.			
MO.	DAY	YR.											
09		86											
MO.	DAY	YR.											

B. REVISED APPLICATION (place an "X" below and complete Section I above)

<input checked="" type="checkbox"/> 1. FACILITY HAS AN INTERIM STATUS PERMIT	<input type="checkbox"/> 2. FACILITY HAS A FINAL PERMIT
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III. PROCESSES - CODES AND CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
Disposal:					
INJECTION WELL	D80	GALLONS OR LITERS			
LANDFILL	D81	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER ACRES OR HECTARES			
LAND APPLICATION	D82	GALLONS PER DAY OR LITERS PER DAY			
OCEAN DISPOSAL	D83	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D84	GALLONS OR LITERS			

UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
GALLONS G	LITERS PER DAY V	ACRE-FEET A	HECTARE-METER F
LITERS L	TONS PER HOUR D	ACRES B	HECTARES Q
CUBIC YARDS Y	METRIC TONS PER HOUR W		
CUBIC METERS C	GALLONS PER HOUR E		
GALLONS PER DAY U	LITERS PER HOUR H		

EXAMPLE FOR COMPLETING SECTION III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER	A. PROCESS CODE (from list above)			B. PROCESS DESIGN CAPACITY				FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)			B. PROCESS DESIGN CAPACITY				FOR OFFICIAL USE ONLY
	1.	2.	3.	1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)	3.	4.			5.	1.	2.	3.	4.	5.		
X-1	S	0	2	600	G				5								
X-2	T	0	3	20	E				6								
1	S	0	1	28,635	G				7								
2									8								
3									9								
4									10								

Continued from the front.

III. PROCESSES (continued)
 C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESS (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

S01

The 616 Nonradioactive Dangerous Waste Storage Facility (616 NRDWSF) is located between the 200 East and 200 West Areas on the Hanford Facility. The 616 NRDWSF provides container storage for nonradioactive dangerous waste generated in the research and development laboratories, process operations, construction, waste site cleanup/remediation, environmental monitoring, maintenance, and transportation functions throughout the Hanford Facility and approved offsite facilities. Waste is only stored at the 616 NRDWSF until arrangements can be made to ship the waste to a permitted offsite treatment, storage, and/or disposal facility. The 616 NRDWSF is capable of storing up to 28,635 gallons of nonradioactive dangerous waste in containers that meet U.S. Department of Transportation or equivalent requirements.

9 5 5

IV. DESCRIPTION OF DANGEROUS WASTES

A. DANGEROUS WASTE NUMBER - Enter the four digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four digit number(s) that describes the characteristics and/or the toxic contaminants of those dangerous wastes.
 B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
 C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
 For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.
 Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

- Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

EXAMPLE FOR COMPLETING SECTION IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																
	1. PROCESS CODES (enter)						2. PROCESS DESCRIPTION (if a code is not entered in D(1))																
X-1	K	0	5	4	900	P	T	0	3	D	8	0											
X-2	D	0	0	2	400	P	T	0	3	D	8	0											
X-3	D	0	0	1	100	P	T	0	3	D	8	0											
X-4	D	0	0	2			T	0	3	D	8	0											included with above

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)

W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
							1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	D	0	0	1	65,000	K	S01				Storage
2	D	0	0	2	50,000						
3	D	0	0	3	5,000						
4	D	0	0	4	↓						
5	D	0	0	5	↓						
6	D	0	0	6	20,000						
7	D	0	0	7	35,000						
8	D	0	0	8	30,000						
9	D	0	0	9	17,000						
10	D	0	1	0	5,000						
11	D	0	1	1							
12	D	0	1	2							
13	D	0	1	3							
14	D	0	1	4							
15	D	0	1	5							
16	D	0	1	6							
17	D	0	1	7							
18	D	0	1	8							
19	D	0	1	9							
20	D	0	2	0							
21	D	0	2	1							
22	D	0	2	2							
23	D	0	2	3							
24	D	0	2	4							
25	D	0	2	5							
26	D	0	2	6	↓	↓	↓				↓

Continued from page 2.
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I.D. NUMBER (entered from page 1)
W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES					
	1	2	3	4			1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	D	0	2	7	5,000	K	S01					Storage
2	D	0	2	8								
3	D	0	2	9								
4	D	0	3	0								
5	D	0	3	1								
6	D	0	3	2								
7	D	0	3	3								
8	D	0	3	4								
9	D	0	3	5								
10	D	0	3	6								
11	D	0	3	7								
12	D	0	3	8								
13	D	0	3	9								
14	D	0	4	0								
15	D	0	4	1								
16	D	0	4	2								
17	D	0	4	3								
18	W	C	0	1	22,000							
19	W	C	0	2	30,000							
20	W	P	0	1	24,000							
21	W	P	0	2	5,000							
22	W	P	0	3	4,000							
23	W	T	0	1	80,000							
24	W	T	0	2	114,000							
25	W	L	0	1								
26	W	L	0	2								

(enter "A", "B", "C", etc. behind the "3" to identify photo copied pages)

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)											
W A 7 8 9 0 0 0 8 9 6 7											
IV. DESCRIPTION OF DANGEROUS WASTES (continued)											
LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
	1	2	3	4			1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	F	0	0	1	4,000	K	S01				Storage
2	F	0	0	2	13,000						
3	F	0	0	3	26,000						
4	F	0	0	4	3,000						
5	F	0	0	5	26,000						
6	F	0	0	6	500						
7	F	0	0	7							
8	F	0	0	8							
9	F	0	0	9							
10	F	0	1	0							
11	F	0	1	1							
12	F	0	1	2							
13	F	0	1	9							
14	F	0	2	0							
15	F	0	2	1							
16	F	0	2	2							
17	F	0	2	3							
18	F	0	2	4							
19	F	0	2	5							
20	F	0	2	6							
21	F	0	2	7	800						
22	F	0	2	8	500						
23	W	0	0	1	2,500						
24											
25											
26											

Continued from page 2.
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I.D. NUMBER (entered from page 1)
W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES			
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	P 0 0 1	500	K	S01			Storage
2	P 0 0 2						
3	P 0 0 3						
4	P 0 0 4						
5	P 0 0 5						
6	P 0 0 6						
7	P 0 0 7						
8	P 0 0 8						
9	P 0 0 9						
10	P 0 1 0						
11	P 0 1 1						
12	P 0 1 2						
13	P 0 1 3						
14	P 0 1 4						
15	P 0 1 5						
16	P 0 1 6						
17	P 0 1 7						
18	P 0 1 8						
19	P 0 2 0						
20	P 0 2 1						
21	P 0 2 2						
22	P 0 2 3						
23	P 0 2 4						
24	P 0 2 6						
25	P 0 2 7						
26	P 0 2 8						

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)
W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)										D. PROCESSES		
LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	P	0	2	9	500	K	S01					Storage
2	P	0	3	0								
3	P	0	3	1								
4	P	0	3	3								
5	P	0	3	4								
6	P	0	3	6								
7	P	0	3	7								
8	P	0	3	8								
9	P	0	3	9								
10	P	0	4	0								
11	P	0	4	1								
12	P	0	4	2								
13	P	0	4	3								
14	P	0	4	4								
15	P	0	4	5								
16	P	0	4	6								
17	P	0	4	7								
18	P	0	4	8								
19	P	0	4	9								
20	P	0	5	0								
21	P	0	5	1								
22	P	0	5	4								
23	P	0	5	6								
24	P	0	5	7								
25	P	0	5	8								
26	P	0	5	9								

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I.D. NUMBER (entered from page 1)

WA 7890008967

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES					
	1	2	3	4			1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	P	0	6	0	500	K	S01					Storage
2	P	0	6	2								
3	P	0	6	3								
4	P	0	6	4								
5	P	0	6	5								
6	P	0	6	6								
7	P	0	6	7								
8	P	0	6	8								
9	P	0	6	9								
10	P	0	7	0								
11	P	0	7	1								
12	P	0	7	2								
13	P	0	7	3								
14	P	0	7	4								
15	P	0	7	5								
16	P	0	7	6								
17	P	0	7	7								
18	P	0	7	8								
19	P	0	8	1								
20	P	0	8	2								
21	P	0	8	4								
22	P	0	8	5								
23	P	0	8	7								
24	P	0	8	8								
25	P	0	8	9								
26	P	0	9	2								

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NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

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WA7890008967

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES					
	1	2	3	4			1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	P	0	9	3	500	K	S01					Storage
2	P	0	9	4								
3	P	0	9	5								
4	P	0	9	6								
5	P	0	9	7								
6	P	0	9	8								
7	P	0	9	9								
8	P	1	0	1								
9	P	1	0	2								
10	P	1	0	3								
11	P	1	0	4								
12	P	1	0	5								
13	P	1	0	6								
14	P	1	0	7								
15	P	1	0	8								
16	P	1	0	9								
17	P	1	1	0								
18	P	1	1	1								
19	P	1	1	2								
20	P	1	1	3								
21	P	1	1	4								
22	P	1	1	5								
23	P	1	1	6								
24	P	1	1	8								
25	P	1	1	9								
26	P	1	2	0								

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)
W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES					
	1	2	3	4			1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))		
1	U	0	0	1	500	K	S01					Storage
2	U	0	0	2	1,000							
3	U	0	0	3	↓							
4	U	0	0	4	500							
5	U	0	0	5								
6	U	0	0	6								
7	U	0	0	7								
8	U	0	0	8								
9	U	0	0	9								
10	U	0	1	0								
11	U	0	1	1								
12	U	0	1	2								
13	U	0	1	4								
14	U	0	1	5								
15	U	0	1	6								
16	U	0	1	7								
17	U	0	1	8								
18	U	0	1	9								
19	U	0	2	0								
20	U	0	2	1								
21	U	0	2	2								
22	U	0	2	3								
23	U	0	2	4								
24	U	0	2	5								
25	U	0	2	6								
26	U	0	2	7	↓	↓	↓					↓

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

LD. NUMBER (entered from page 1)

WA7890008967

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

D. PROCESSES

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
	1	2	3	4			1	2	3	4		
1	U	0	2	8	500	K	S01					Storage
2	U	0	2	9								
3	U	0	3	0								
5	U	0	3	1								
6	U	0	3	2	1,000							
9	U	0	3	3	500							
7	U	0	3	4								
8	U	0	3	5								
9	U	0	3	6								
10	U	0	3	7								
11	U	0	3	8								
12	U	0	3	9								
13	U	0	4	1								
14	U	0	4	2								
16	U	0	4	3								
16	U	0	4	4	1,000							
17	U	0	4	5	500							
18	U	0	4	6								
19	U	0	4	7								
20	U	0	4	8								
21	U	0	4	9								
22	U	0	5	0								
23	U	0	5	1	2,000							
24	U	0	5	2	500							
25	U	0	5	3								
26	U	0	5	5								

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)

W A 7 8 9 0 0 0 8 9 8 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

D. PROCESSES

L I N E N O	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEA- SURE (enter code)	1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	U 0 5 6	500	K	S01				Storage
2	U 0 5 7							
3	U 0 5 8							
4	U 0 5 9							
5	U 0 6 0							
6	U 0 6 1							
7	U 0 6 2							
8	U 0 6 3							
9	U 0 6 4							
10	U 0 6 6							
11	U 0 6 7							
12	U 0 6 8							
13	U 0 6 9							
14	U 0 7 0							
15	U 0 7 1							
16	U 0 7 2							
17	U 0 7 3							
18	U 0 7 4							
19	U 0 7 5							
20	U 0 7 6							
21	U 0 7 7							
22	U 0 7 8							
23	U 0 7 9							
24	U 0 8 0							
25	U 0 8 1							
26	U 0 8 2							

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)

W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	U 0 8 3	500	K	S01				Storage
2	U 0 8 4							
3	U 0 8 5							
4	U 0 8 6							
5	U 0 8 7							
6	U 0 8 8							
7	U 0 8 9							
8	U 0 9 0							
9	U 0 9 1							
10	U 0 9 2							
11	U 0 9 3							
12	U 0 9 4							
13	U 0 9 5							
14	U 0 9 6							
15	U 0 9 7							
16	U 0 9 8							
17	U 0 9 9							
18	U 1 0 1							
19	U 1 0 2							
20	U 1 0 3							
21	U 1 0 5							
22	U 1 0 6							
23	U 1 0 7							
24	U 1 0 8							
25	U 1 0 9							
26	U 1 1 0							

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)									
W A 7 8 9 0 0 0 8 9 6 7									
IV. DESCRIPTION OF DANGEROUS WASTES (continued)									
LINE NO.	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES					
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	U 1 1 1	500	K	S01					Storage
2	U 1 1 2								
3	U 1 1 3								
4	U 1 1 4								
5	U 1 1 5								
6	U 1 1 6								
7	U 1 1 7								
8	U 1 1 8								
9	U 1 1 9								
10	U 1 2 0								
11	U 1 2 1								
12	U 1 2 2								
13	U 1 2 3								
14	U 1 2 4								
15	U 1 2 5								
16	U 1 2 6								
17	U 1 2 7								
18	U 1 2 8								
19	U 1 2 9								
20	U 1 3 0								
21	U 1 3 1								
22	U 1 3 2								
23	U 1 3 3	2,000							
24	U 1 3 4	1,000							
25	U 1 3 5	500							
26	U 1 3 6								

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)

W	A	7	8	9	0	0	0	8	9	6	7
---	---	---	---	---	---	---	---	---	---	---	---

IV. DESCRIPTION OF DANGEROUS WASTES (continued)												D. PROCESSES			
LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))				
1	U	1	3	7	500	K	S01					Storage			
2	U	1	3	8											
3	U	1	4	0											
4	U	1	4	1											
5	U	1	4	2											
6	U	1	4	3											
7	U	1	4	4											
8	U	1	4	5	1,000										
9	U	1	4	6	500										
10	U	1	4	7											
11	U	1	4	8											
12	U	1	4	9											
13	U	1	5	0											
14	U	1	5	1	3,000										
15	U	1	5	2	500										
16	U	1	5	3											
17	U	1	5	4	1,000										
18	U	1	5	5	500										
19	U	1	5	6											
20	U	1	5	7											
21	U	1	5	8											
22	U	1	5	9											
23	U	1	6	0											
24	U	1	6	1											
25	U	1	6	2											
26	U	1	6	3											

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)
W A 7 8 9 0 0 0 8 9 6 7

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES					
							1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	U	1	6	4	500	K	S01					Storage
2	U	1	6	5								
3	U	1	6	6								
4	U	1	6	7								
5	U	1	6	8								
6	U	1	6	9								
7	U	1	7	0								
8	U	1	7	1								
9	U	1	7	2								
10	U	1	7	3								
11	U	1	7	4								
12	U	1	7	6								
13	U	1	7	7								
14	U	1	7	8								
15	U	1	7	9								
16	U	1	8	0								
17	U	1	8	1								
18	U	1	8	2								
19	U	1	8	3								
20	U	1	8	4								
21	U	1	8	5								
22	U	1	8	6								
23	U	1	8	7								
24	U	1	8	8								
25	U	1	8	9								
26	U	1	9	0								

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)
WA 7890008987

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES			
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	U 1 9 1	500	K	S01			Storage
2	U 1 9 2						
3	U 1 9 3						
4	U 1 9 4						
5	U 1 9 6						
6	U 1 9 7						
7	U 2 0 0						
8	U 2 0 1						
9	U 2 0 2						
10	U 2 0 3						
11	U 2 0 4						
12	U 2 0 5						
13	U 2 0 6						
14	U 2 0 7						
15	U 2 0 8						
16	U 2 0 9						
17	U 2 1 0						
18	U 2 1 1						
19	U 2 1 2						
20	U 2 1 3						
21	U 2 1 4						
22	U 2 1 5						
23	U 2 1 6						
24	U 2 1 7						
25	U 2 1 8						
26	U 2 1 9						

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)											
WA7890008987											
IV. DESCRIPTION OF DANGEROUS WASTES (continued)											
LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
	1	2	3	4			1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	U	2	2	0	500	K	S01				Storage
2	U	2	2	1	↓						
3	U	2	2	2	↓						
4	U	2	2	3	1,500						
5	U	2	2	5	↓						
6	U	2	2	6	3,000						
7	U	2	2	7	500						
8	U	2	2	8	1,000						
9	U	2	3	2	500						
10	U	2	3	3	↓						
11	U	2	3	4	↓						
12	U	2	3	5	1,000						
13	U	2	3	6	↓						
14	U	2	3	7	↓						
15	U	2	3	8	500						
16	U	2	3	9	1,000						
17	U	2	4	0	5,000						
18	U	2	4	3	500						
19	U	2	4	4	1,000						
20	U	2	4	5	500						
21	U	2	4	6	500						
22	U	2	4	7							
23	U	2	4	8							
24	U	2	4	9							
25	U	3	2	8							
26	U	3	5	3	↓	↓	↓				↓

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

I.D. NUMBER (entered from page 1)
WA 7890008967

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE NO.	A. DANGEROUS WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)		D. PROCESSES				
	1	2	3	4		1	2	1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
1	U	3	5	9	500	K		S01				Storage
2												
3												
4	3											
5	7											
6	9											
7	1											
8	6											
9	2											
10	0											
11	3											
12	1											
13	6											
14	9											
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												

Continued from the front.

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM SECTION D(1) ON PAGE 3.

The 616 NRDWSF is used for the storage of nonradioactive dangerous waste generated on the Hanford Facility and approved offsite facilities. This waste consist of listed waste, waste from non-specific sources, characteristic waste, and state-only waste.

0261974

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 6 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

This information is provided on the attached drawings and photos.

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

VIII. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME (print or type)

John D. Wagoner, Manager
U.S. Department of Energy
Richland Operations Office

SIGNATURE

John D. Wagoner

DATE SIGNED

9/8/93

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME (print or type)

SEE ATTACHMENT

SIGNATURE

DATE SIGNED

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

John D. Wagoner
Owner/Operator
John D. Wagoner, Manager
U.S. Department of Energy
Richland Operations Office

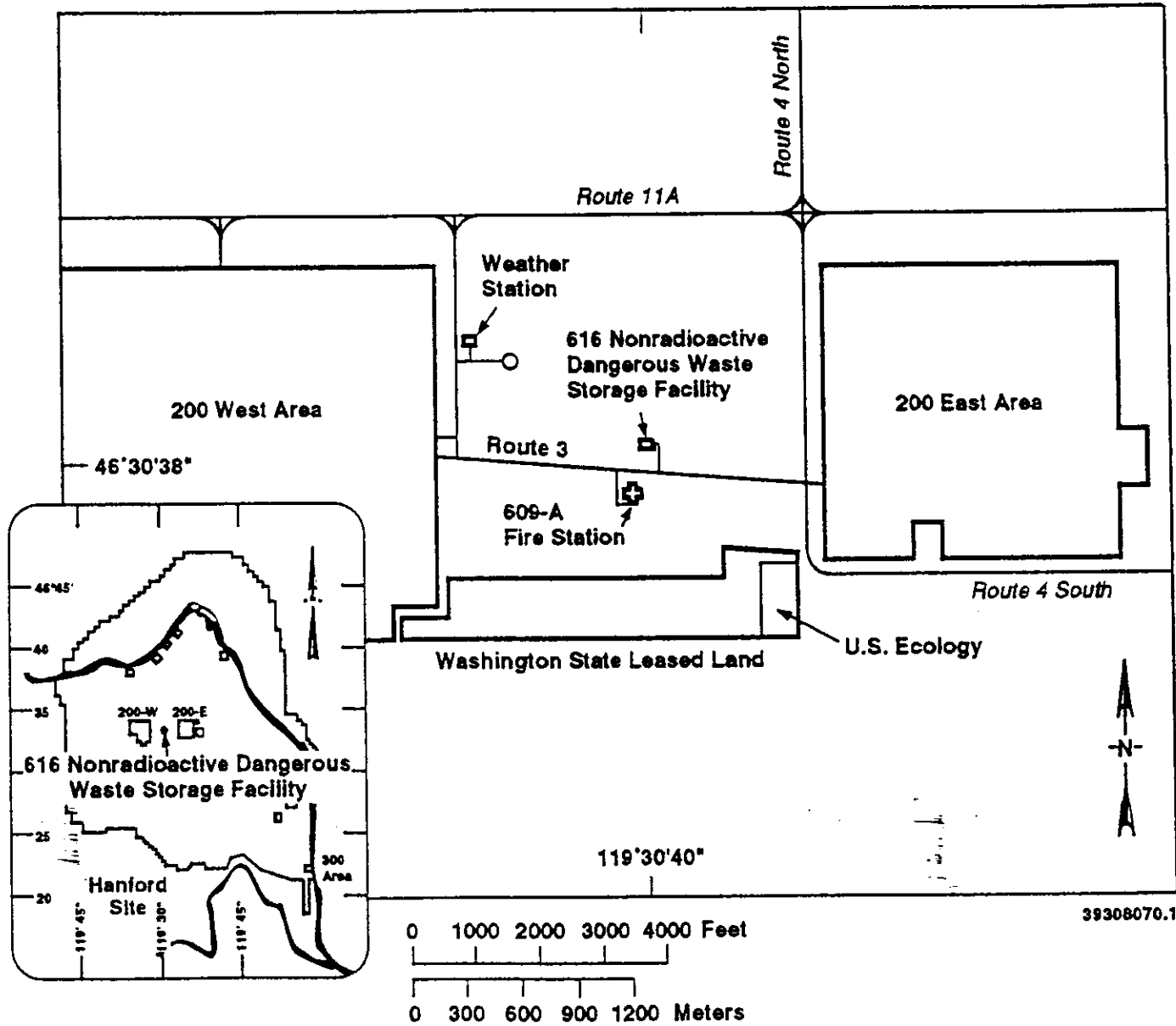
9/8/93
Date

A. Lamar Negro
Co-operator
Thomas M. Anderson, President
Westinghouse Hanford Company

8/27/93
Date

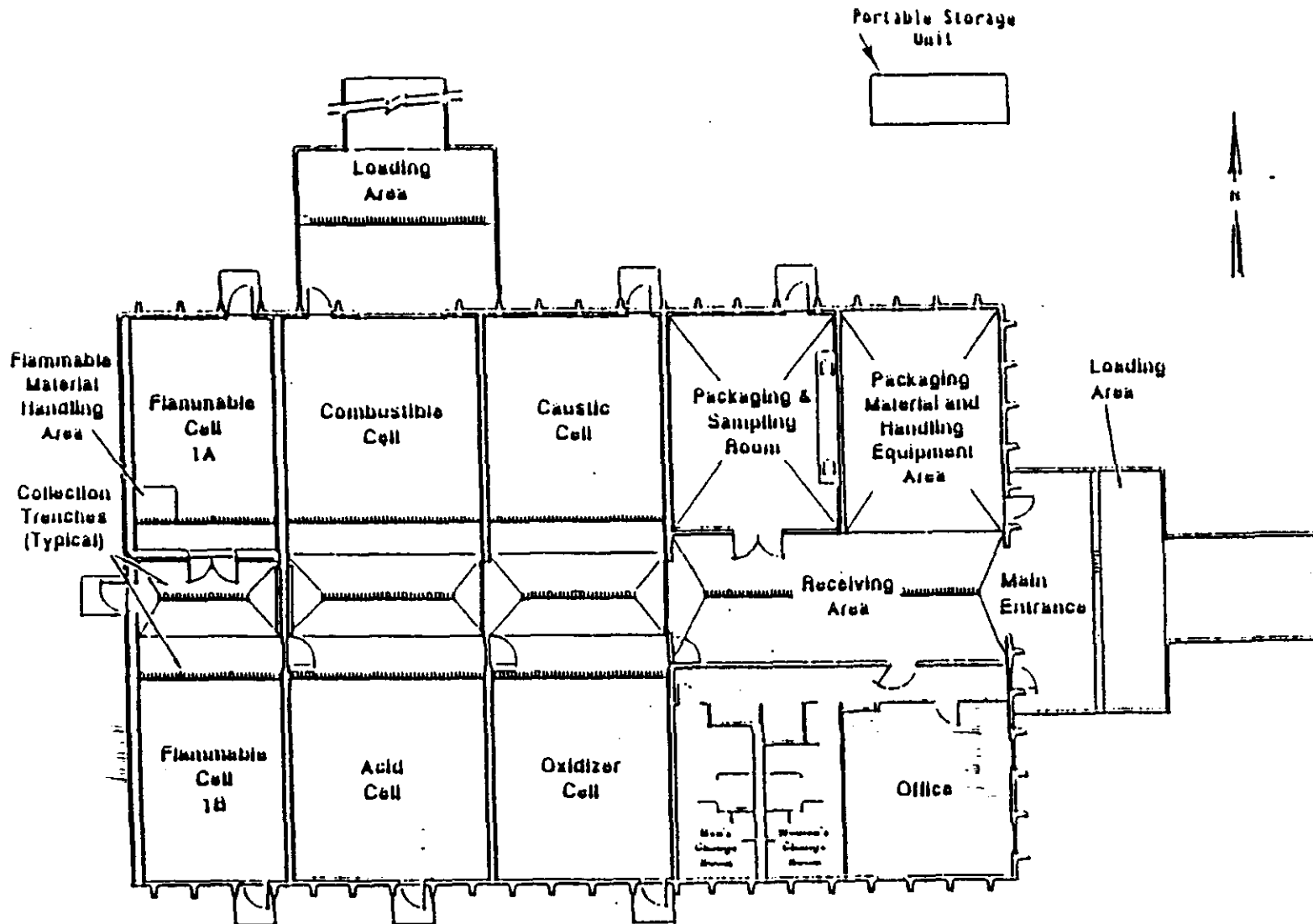
9 5 1 3 0 2 6 1 9 7 5

616 Nonradioactive Dangerous Waste Storage Facility Location



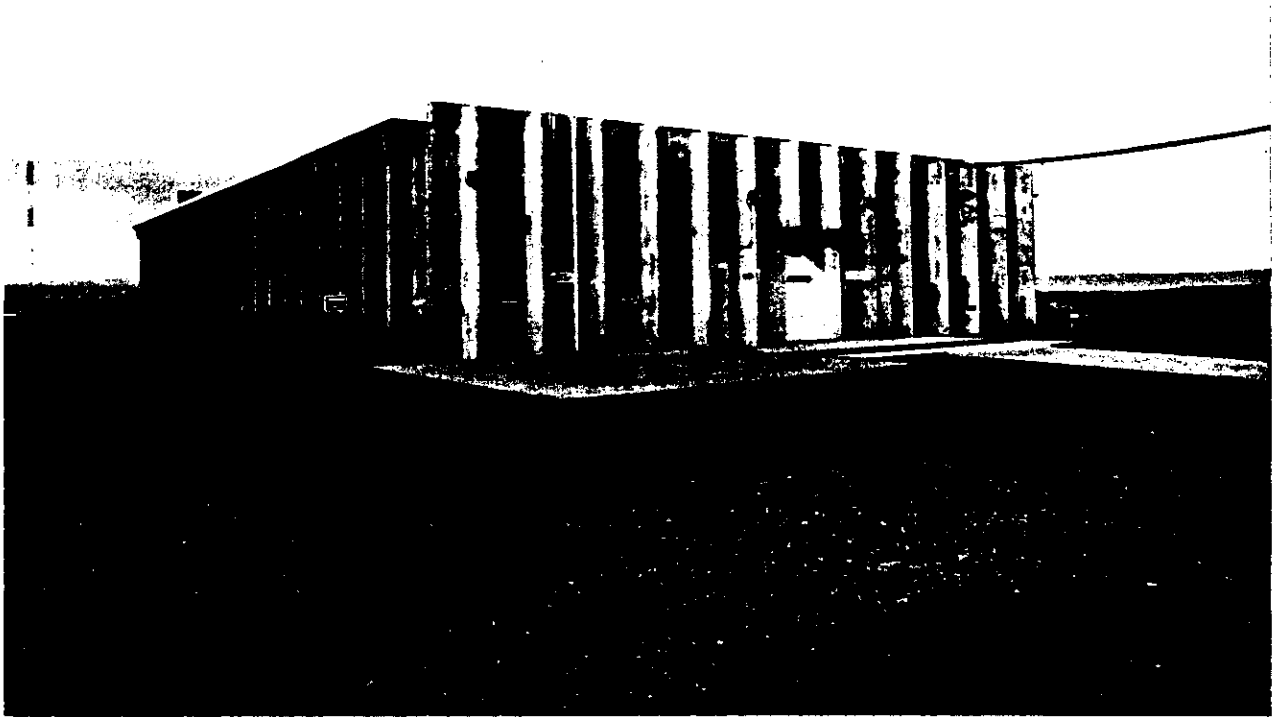
9 3 1 3 0 2 6 1 9 7 7

616 NONRADIOACTIVE DANGEROUS WASTE STORAGE FACILITY FLOOR PLAN



616 Nonradioactive Dangerous Waste Storage Facility

9 3 1 3 2 6 1 9 7 8



46°33'09"
119°34'35"

8700742-42CN
(PHOTO TAKEN 1987)

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author	Addressee	Correspondence No.
R. G. Holt, RL R. E. Lerch, WHC (D. G. Saueressig, WHC)	D. Butler, Ecology	Incoming 9305715 Xref 9357262D

Subject: HANFORD FACILITY DANGEROUS WASTE PERMIT APPLICATION FORM 3,
REVISION 5, FOR THE 616 NONRADIOACTIVE DANGEROUS WASTE STORAGE
FACILITY, (WA7890008967) (TSD: S-6-1)

INTERNAL DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	X
		M. D. Aichele	T4-04	X
		B. A. Austin	B2-35	X
		B. M. Barnes	H6-24	X
		R. C. Bowman	H6-24	X
		H. C. Boynton	T3-04	X
		C. K. DiSibio	B3-15	X
		P. L. Hapke	T4-05	X
		W. H. Hamilton	N3-10	X
		G. W. Jackson, Assignee	H6-21	X
		R. J. Landon	H6-22	X
		R. E. Lerch	B3-63	X
		P. J. Mackey	B3-15	X
		M. M. McCarthy	N3-13	X
		H. E. McGuire, Level 1	B3-63	X
		J. W. Pratt	T4-04	X
		R. D. Pierce	N3-13	X
		S. M. Price	H6-23	X
		R. J. Roberts	N3-13	X
		M. R. Romsos	T3-04	X
		D. G. Saueressig	H6-24	X
		J. F. Williams Jr.	H6-24	X
		EPIC	H6-08	X
		RCRA File/GHL	H6-23	X
		DGS File/LB	H6-24	X

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