START

0026771

Department of Energy
Richland Field Office
P.O. Box 550
Richland, Washington 99352

MAR 0 2 1993

93-RPB-067

9301624

Mr. David B. Jansen, P.E.
Hanford Project Manager
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

Dear Mr. Jansen:

REVISION TO THE DANGEROUS WASTE PART A PERMIT APPLICATION FOR THE 224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY (WA7890008967) (TSD: S-2-2)

Enclosed is the Dangerous Waste Part A Permit Application Form 3, Revision 3, for the 224-T Transuranic Waste Storage and Assay Facility (224-T TRUSAF). The 224-T TRUSAF is located southeast of T Plant in the 200 West Area of the Hanford Facility. The 224-T TRUSAF provides a centralized storage unit for storage of transuranic mixed waste and low-level mixed waste from various Hanford Facility operations and from other U.S. Department of Energy (DOE) and U.S. Department of Defense Facilities.

The Form 3 for the 224-T TRUSAF has been revised to include state-only dangerous waste code W001 because of the possibility of the 224-T TRUSAF storing polychlorinated biphenyl contaminated mixed waste.

If you have any questions, please contact Mr. C. E. Clark of the DOE Richland Field Office (RL) on (509) 376-9333, or Ms. S. M. Price of the Westinghouse Hanford Company on (509) 376-1653.

Sincerely,

James D. Bauer, Program Manager
Office of Environmental Assurance,
Permits, and Policy
DOE Richland Field Office

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

EAP:CEC

Enclosure

cc:
Administrative Record, H4-22 w/encl.
R. C. Bowman, WHC, w/o encl.
P. T. Day, EPA, w/encl.
D. L. Duncan, EPA, w/o encl.
R. E. Lerch, WHC, w/o encl.
S. M. Price, WHC, w/o encl.

MAR 1993
RECEIVED
EDMC

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

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED *(mo., day, & yr.)*	COMMENTS

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)*

☐ 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

MO.	DAY	YR.
0 9		8 5

FOR EXISTING FACILITIES, PROVIDE THE DATE *(mo., day, & yr.)* OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*

☐ 2. NEW FACILITY *(Complete item below)*

MO.	DAY	YR.

FOR NEW FACILITIES, PROVIDE THE DATE, *(mo., day, & yr)* OPERATION BEGAN OR IS EXPECTED TO BEGIN

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

☒ 1. FACILITY HAS AN INTERIM STATUS PERMIT

☐ 2. FACILITY HAS A FINAL PERMIT

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	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
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
LAND APPLICATION	D82	*ACRES OR HECTARES*
OCEAN DISPOSAL	D83	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D84	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
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

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

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 1. AMOUNT *(specify)*	B. 2. UNIT OF MEASURE *(enter code)*	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE *(from list above)*	B. PROCESS DESIGN CAPACITY 1. AMOUNT *(specify)*	B. 2. UNIT OF MEASURE *(enter code)*	FOR OFFICIAL USE ONLY
X-1	S 0 2	600	G		5				
X-2	T 0 3	20	E		6				
1	S 0 1	110,000	G		7				
2					8				
3					9				
4					10				

CONTINUE ON REVERSE

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 224-T Transuranic Waste Storage and Assay Facility (224-T TRUSAF) is located southeast of T Plant in the 200 West Area of the Hanford Facility. The 224-T TRUSAF provides a centralized storage unit for storage of transuranic mixed waste and low-level mixed waste from various Hanford Facility operations and from other U.S. Department of Energy and U.S. Department of Defense facilities. The transuranic mixed waste will be prepared for transfer to and disposal at the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico or at another approved disposal site. The 224-T TRUSAF also will store retrieved containers of transuranic mixed waste from the Low-Level Burial Grounds (LLBG). The LLBG transuranic mixed waste will be retrieved for characterization and reprocessing in the Waste Receiving and Processing Facility to be located on the Hanford Facility. Assay of the waste consists of nondestructive testing of the transuranic mixed waste and low-level mixed waste to confirm the fissile isotope content and the absence of prohibited items before shipment to the WIPP or to another approved disposal site. The 224-T TRUSAF storage unit capacity is approximately 110,000 gallons (416,400 liters) [2,000 55-gallon (208-liter) containers].

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:

1. 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.
2. 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.
3. 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)*	D. PROCESSES 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*

 CONTINUE ON PAGE 3

Continued from page 2.

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

I.D. NUMBER (enter from page 1): WA7890008967

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D001	500	P	S01	Storage - Container
2	D002	500			
3	D003	500			
4	D004	500			
5	D005	500			
6	D006	500			
7	D007	500			
8	D008	1,000			
9	D010	500			
10	D011	500			
11	D018	500			
12	D019	500			
13	D020	500			
14	D021	500			
15	D022	500			
16	D023	500			
17	D024	500			
18	D025	500			
19	D026	500			
20	D027	500			
21	D028	500			
22	D029	500			
23	D030	500			
24	D031	500			
25	D032	500			
26	D033	500			

Continued from page 2.

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I.D. NUMBER (enter from page 1): 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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D034	500	P	S01	Storage - Container
2	D035	500			
3	D036	500			
4	D037	500			
5	D038	500			
6	D039	500			
7	D040	500			
8	D041	500			
9	D042	500			
10	D043	500			
11	F001	500			
12	F002	500			
13	F003	500			
14	F004	500			
15	F005	500			
16	F020	500			
17	F021	500			
18	F022	500			
19	F023	500			
20	F026	500			
21	F027	500			
22	F028	500			
23					
24					
25					
26					

Continued from page 2.
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I.D. NUMBER (enter from page 1)
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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	WT01	10,000	P	S01	Storage - Container
2	WT02	10,000			
3	WP01	8,000			
4	WP02	8,000			
5	WP03	8,000			
6	WC01	8,000			
7	WC02	8,000			
8	W001	500			
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

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

I.D. NUMBER (enter from page 1)

N 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)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U001	500	P	S01	Storage - Container
2	U002	500			
3	U003	500			
4	U004	500			
5	U005	500			
6	U006	500			
7	U007	500			
8	U008	500			
9	U009	500			
10	U010	500			
11	U011	500			
12	U012	500			
13	U013	500			
14	U014	500			
15	U015	500			
16	U016	500			
17	U017	500			
18	U018	500			
19	U019	500			
20	U020	500			
21	U021	500			
22	U022	500			
23	U023	500			
24	U024	500			
25	U025	500			
26	U026	500			

Continued from page 2.

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I.D. NUMBER (enter from page 1): WA7890008967

IV. DESCRIPTION OF DANGEROUS WASTES (continued)

LINE	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U027	500	P	S01	Storage - Container
2	U028	500			
3	U029	500			
4	U030	500			
5	U031	500			
6	U032	500			
7	U033	500			
8	U034	500			
9	U035	500			
10	U036	500			
11	U037	500			
12	U038	500			
13	U039	500			
14	U041	500			
15	U042	500			
16	U043	500			
17	U044	500			
18	U045	500			
19	U046	500			
20	U047	500			
21	U048	500			
22	U049	500			
23	U050	500			
24	U051	500			
25	U052	500			
26	U053	500			

Continued from page 2.
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I.D. NUMBER (enter from page 1)
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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U055	500	P	S01	Storage - Container
2	U056	500			
3	U057	500			
4	U058	500			
5	U059	500			
6	U060	500			
7	U061	500			
8	U062	500			
9	U063	500			
10	U064	500			
11	U065	500			
12	U066	500			
13	U067	500			
14	U068	500			
15	U069	500			
16	U070	500			
17	U071	500			
18	U072	500			
19	U073	500			
20	U074	500			
21	U075	500			
22	U076	500			
23	U077	500			
24	U078	500			
25	U079	500			
26	U080	500			

Continued from page 2.
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I.D. NUMBER (enter from page 1)
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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U081	500	P	S01	Storage - Container
2	U082	500			
3	U083	500			
4	U084	500			
5	U085	500			
6	U086	500			
7	U087	500			
8	U088	500			
9	U089	500			
10	U090	500			
11	U091	500			
12	U092	500			
13	U093	500			
14	U094	500			
15	U095	500			
16	U096	500			
17	U097	500			
18	U098	500			
19	U101	500			
20	U102	500			
21	U107	500			
22	U108	500			
23	U112	500			
24	U113	500			
25	U116	500			
26	U117	500			

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

I.D. NUMBER (enter from page 1): 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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U118	500	P	S01	Storage - Container
2	U119	500			
3	U120	500			
4	U123	500			
5	U124	500			
6	U134	500			
7	U136	500			
8	U137	500			
9	U139	500			
10	U140	500			
11	U145	500			
12	U146	500			
13	U148	500			
14	U149	500			
15	U150	500			
16	U151	500			
17	U152	500			
18	U153	500			
19	U154	500			
20	U155	500			
21	U156	500			
22	U157	500			
23	U158	500			
24	U159	500			
25	U160	500			
26	U161	500			

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

I.D. NUMBER (enter from page 1): 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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U162	500	P	S01	Storage - Container
2	U163	500			
3	U164	500			
4	U165	500			
5	U166	500			
6	U167	500			
7	U168	500			
8	U169	500			
9	U170	500			
10	U171	500			
11	U172	500			
12	U173	500			
13	U174	500			
14	U175	500			
15	U176	500			
16	U177	500			
17	U178	500			
18	U179	500			
19	U180	500			
20	U181	500			
21	U182	500			
22	U183	500			
23	U184	500			
24	U185	500			
	U186	500			
26	U187	500			

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

I.D. NUMBER (enter from page 1): 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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U188	500	P	S01	Storage - Container
2	U189	500			
3	U190	500			
4	U191	500			
5	U192	500			
6	U193	500			
7	U194	500			
8	U195	500			
9	U196	500			
10	U197	500			
11	U200	500			
12	U201	500			
13	U202	500			
14	U203	500			
15	U204	500			
16	U205	500			
17	U206	500			
18	U207	500			
19	U208	500			
20	U209	500			
21	U210	500			
22	U211	500			
23	U212	500			
24	U213	500			
25	U214	500			
26	U215	500			

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

I.D. NUMBER (enter from page 1)

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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U216	500	P	S01	Storage - Container
2	U217	500			
3	U218	500			
4	U219	500			
5	U220	500			
6	U221	500			
7	U222	500			
8	U223	500			
9	U224	500			
10	U225	500			
11	U226	500			
12	U227	500			
13	U228	500			
14	U230	500			
15	U231	500			
16	U232	500			
17	U233	500			
18	U234	500			
19	U235	500			
20	U236	500			
21	U237	500			
22	U238	500			
23	U239	500			
24	U240	500			
25	U241	500			
26	U242	500			

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)*				D. PROCESSES 2. PROCESS DESCRIPTION *(if a code is not entered in D(1))*
1	U243	500	P	S01				Storage - Container
2	U244	500						
3	U245	500						
4	U246	500						
5	U247	500						
6								
7								
8								
9								
10								
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26								

Continued from page 2.
NOTE. Photocopy this page before completing if you have more than 28 wastes to list.

I.D. NUMBER (enter from page 1): 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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P001	500	P	S01	Storage - Container
2	P002	500			
3	P003	500			
4	P004	500			
5	P005	500			
6	P006	500			
7	P007	500			
8	P008	500			
9	P009	500			
10	P010	500			
11	P011	500			
12	P012	500			
13	P013	500			
14	P014	500			
15	P015	500			
16	P016	500			
17	P017	500			
18	P018	500			
19	P020	500			
20	P021	500			
21	P022	500			
22	P023	500			
23	P024	500			
24	P025	500			
25	P026	500			
26	P027	500			

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

I.D. NUMBER (enter from page 1): 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. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P028	500	P	S01	Storage - Container
2	P029	500			
3	P030	500			
4	P031	500			
5	P033	500			
6	P034	500			
7	P035	500			
8	P036	500			
9	P037	500			
10	P038	500			
11	P039	500			
12	P040	500			
13	P041	500			
14	P042	500			
15	P043	500			
16	P044	500			
17	P045	500			
18	P046	500			
19	P047	500			
20	P048	500			
21	P049	500			
22	P050	500			
23	P051	500			
24	P054	500			
25	P056	500			
26	P057	500			

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

I.D. NUMBER (enter from page 1)

WA789000896 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)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P058	500	P	S01	Storage - Container
2	P059	500			
3	P060	500			
4	P062	500			
5	P063	500			
6	P064	500			
7	P065	500			
8	P066	500			
9	P067	500			
10	P068	500			
11	P069	500			
12	P070	500			
13	P071	500			
14	P072	500			
15	P073	500			
16	P074	500			
17	P075	500			
18	P076	500			
19	P077	500			
20	P078	500			
21	P079	500			
22	P081	500			
23	P082	500			
24	P084	500			
25	P085	500			
26	P087	500			

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

I.D. NUMBER (enter from page 1): 1 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)				D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P088	500	P	S01				Storage - Container
2	P089	500						
3	P092	500						
4	P093	500						
5	P094	500						
6	P095	500						
7	P096	500						
8	P097	500						
9	P098	500						
10	P099	500						
11	P101	500						
12	P102	500						
13	P103	500						
14	P104	500						
15	P105	500						
16	P106	500						
17	P107	500						
18	P108	500						
19	P109	500						
20	P110	500						
21	P111	500						
22	P112	500						
23	P113	500						
24	P114	500						
25	P115	500						
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 transuranic mixed waste and low-level mixed waste managed at the 224-T TRUSAF include waste generated from various Hanford Facility operations and from other U.S. Department of Energy and U.S. Department of Defense facilities. The potential transuranic mixed waste and low-level mixed waste managed could include waste from nonspecific sources, characteristic waste, toxicity characteristic waste, listed waste, and state-only waste (extremely hazardous, dangerous, and polychlorinated biphenyl contaminated waste). The estimated annual quantity of waste is based on gross estimates of mixed waste that could be stored at the 224-T TRUSAF.

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 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

[X] 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)*	SIGNATURE	DATE SIGNED
John D. Wagoner, Manager U.S. Department of Energy Richland Field Office	John D. Wagoner	3/1/93

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)*	SIGNATURE	DATE SIGNED
SEE ATTACHMENT		

 CONTINUE ON PAGE 5

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 — 3/1/93

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

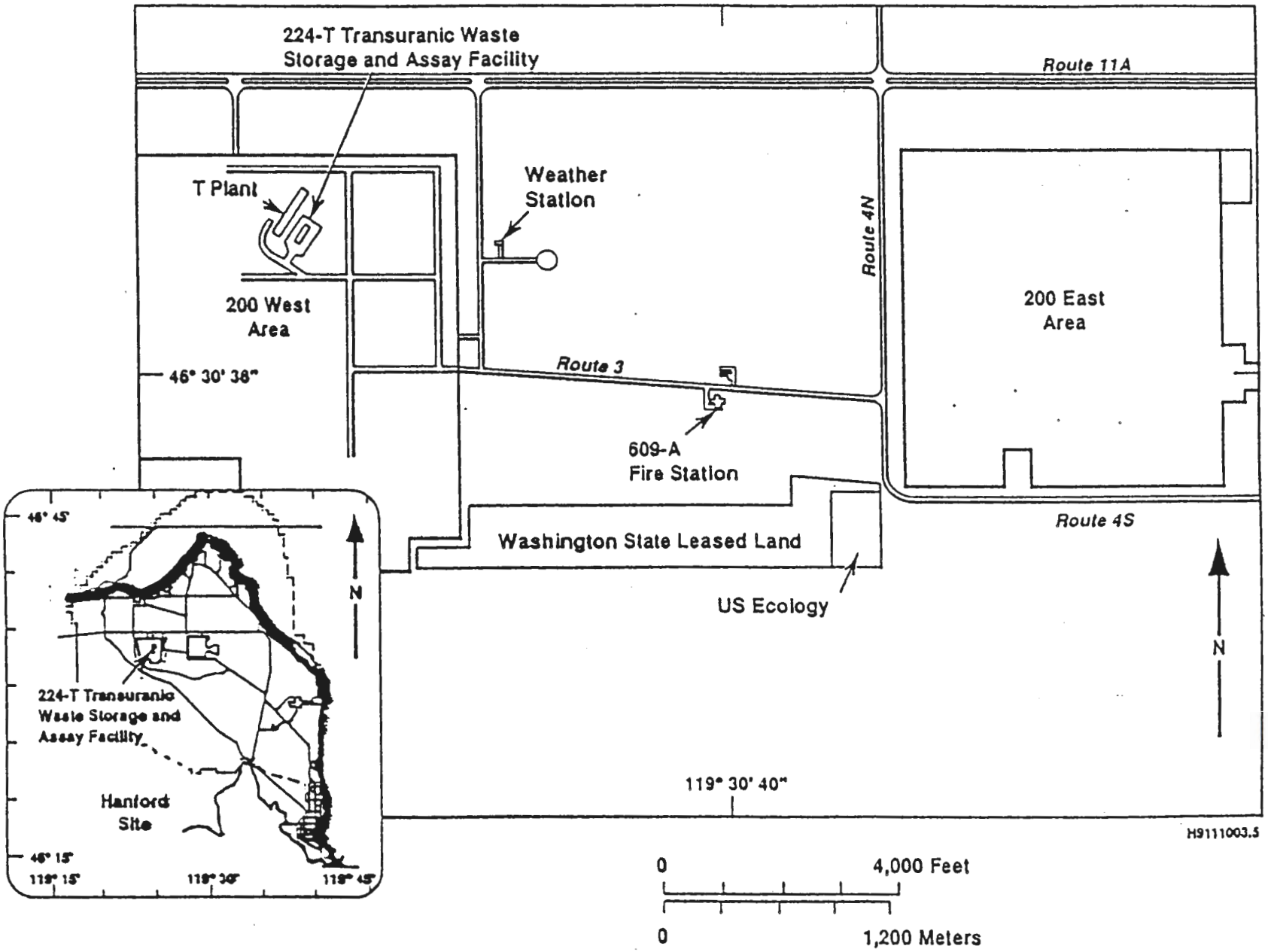
Date

Thomas M. Anderson — 2/12/93

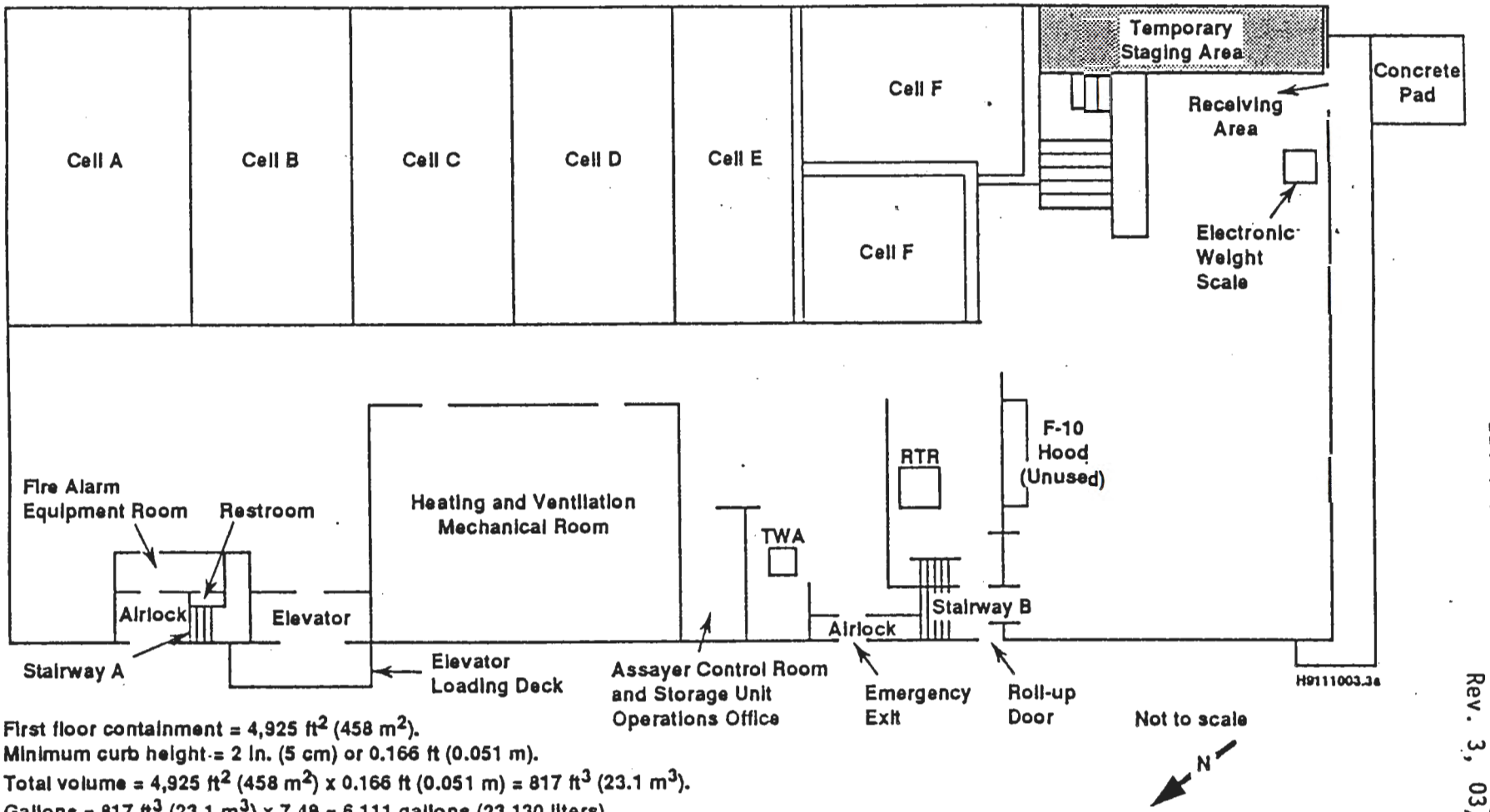
Co-operator
Thomas M. Anderson, President
Westinghouse Hanford Company

Date

224-T TRUSAF SITE PLAN



224-T TRUSAF - FIRST FLOOR



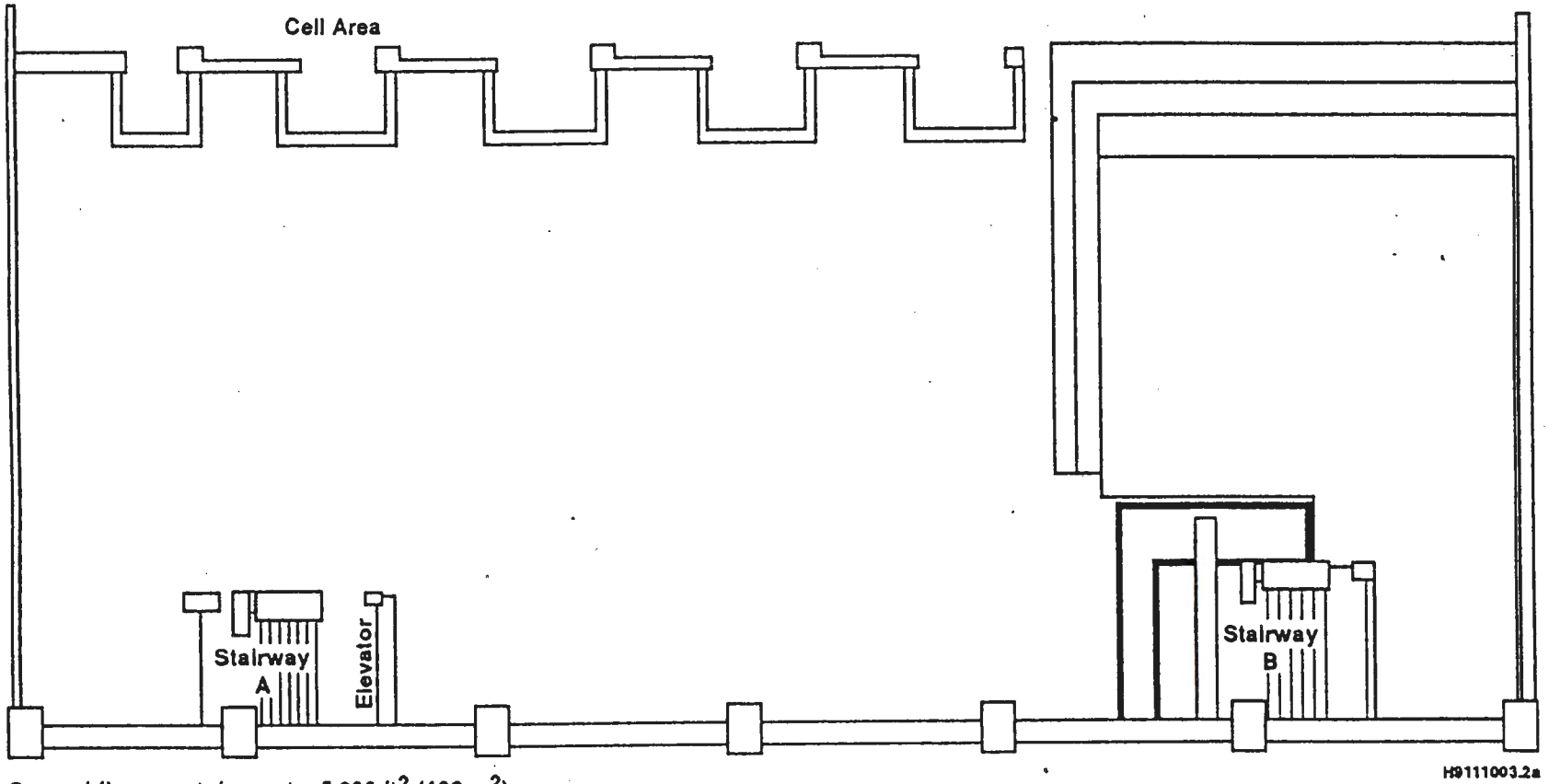
First floor containment = 4,925 ft^2 (458 m^2).
Minimum curb height = 2 in. (5 cm) or 0.166 ft (0.051 m).
Total volume = 4,925 ft^2 (458 m^2) x 0.166 ft (0.051 m) = 817 ft^3 (23.1 m^3).
Gallons = 817 ft^3 (23.1 m^3) x 7.48 = 6,111 gallons (23,130 liters).

Notes: Square feet = ft^2
Square meters = m^2
Cubic feet = ft^3
Cubic meters = m^3
Area in ft^2 (m^2)
Total volume in ft^3 (m^3)
Gallons = total volume x 7.48
Refer to Drawing H-2-71704 in Appendix 4A for floor dimensions.

TWA = transuranic waste assayer.

RTR = real-time radiography x-ray system.

224-T TRUSAF - SECOND FLOOR



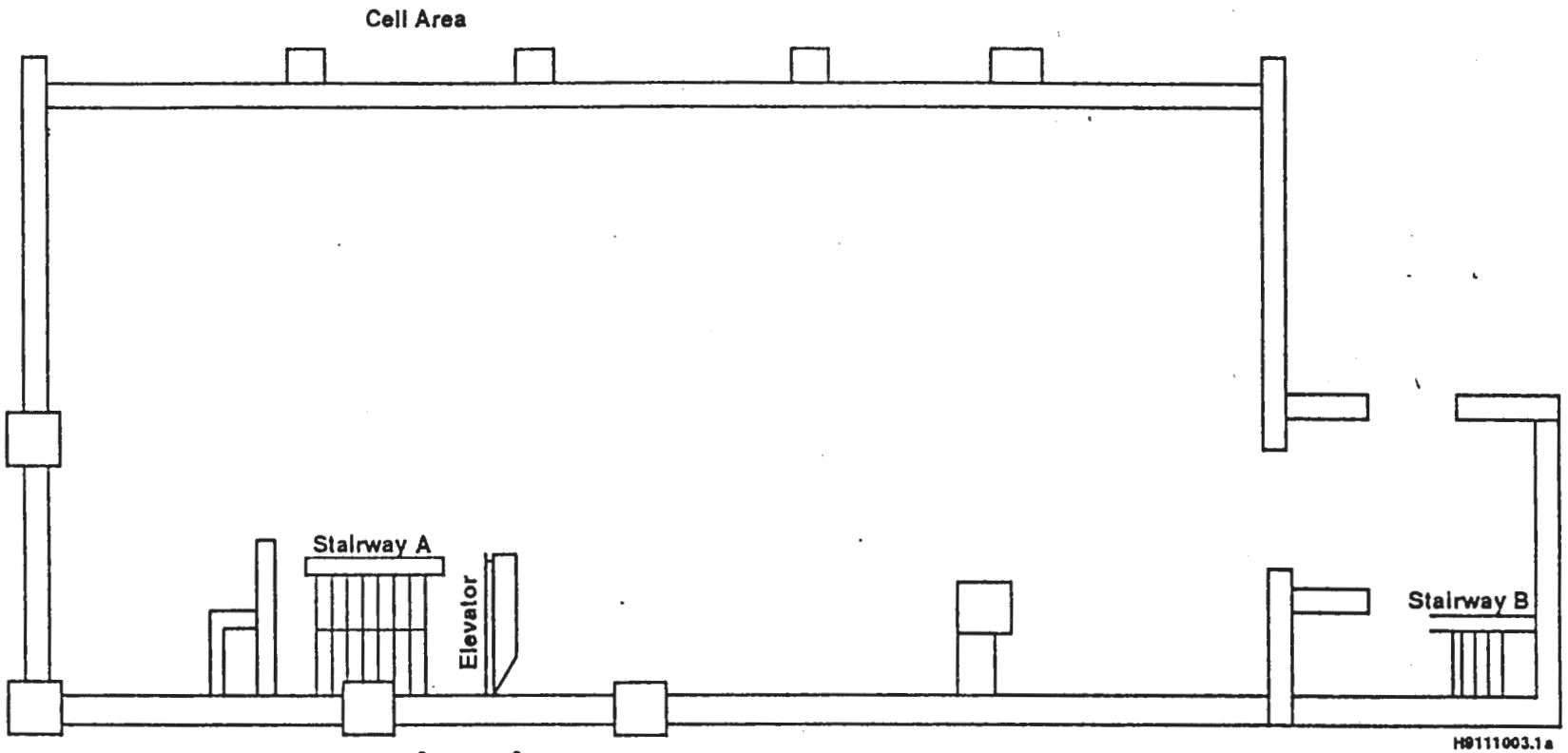
Not to Scale

N

Second floor containment = 5,296 ft^2 (492 m^2).
Minimum curb height = 2 in. (5 cm) or 0.166 ft ((0.051 m).
Total volume = 5,296 ft^2 (492 m^2) x 0.166 ft (0.051 m) = 879 ft^3 (25 m^3).
Gallons = 879 ft^3 (25 m^3) x 7.48 = 6,574 gallons (24,885 liters).

Notes: Square feet = ft^2
Square meters = m^2
Cubic feet = ft^3
Cubic meters = m^3
Area in ft^2 (m^2)
Total volume in ft^3 (m^3)
Gallons = total volume x 7.48
Refer to Drawing H-2-71705 in Appendix 4A for floor dimensions.

224-T TRUSAF - THIRD FLOOR



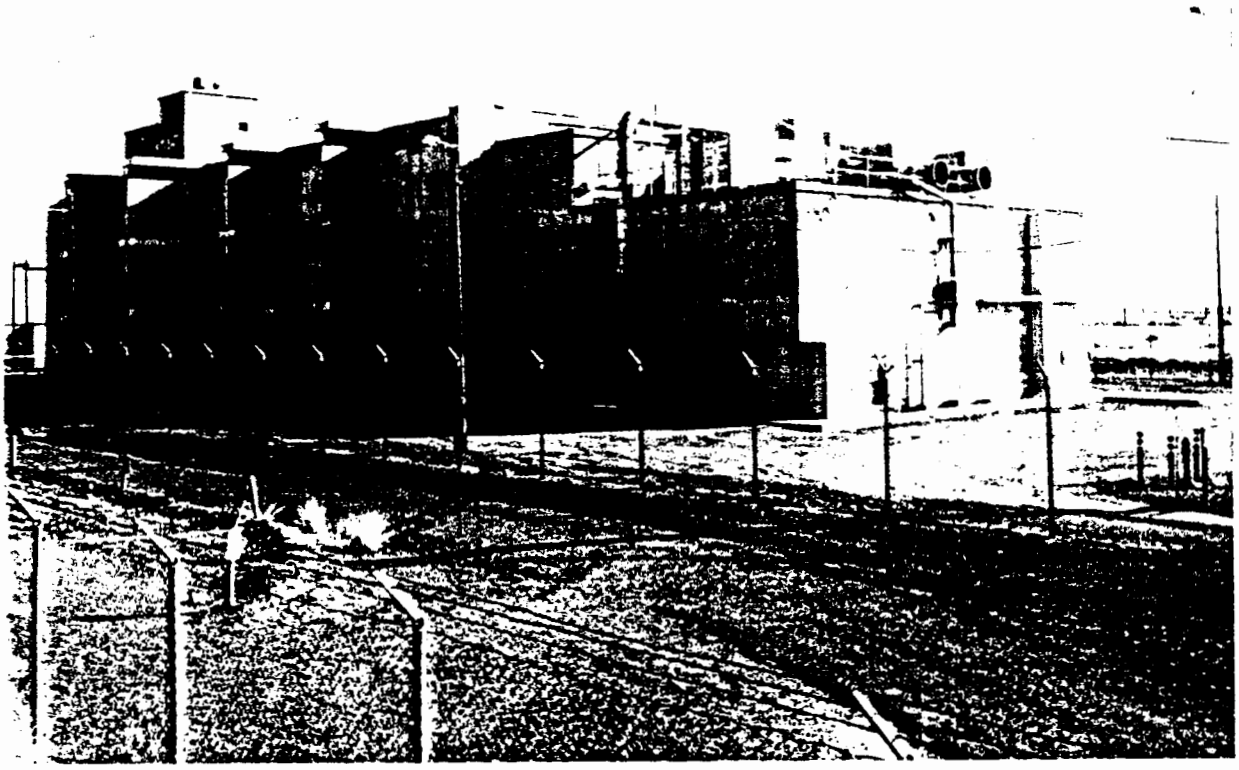
Third floor containment = 4,355 ft^2 (405 m^2).
Minimum curb height = 2 in. (5 cm) or 0.166 ft (0.051 m).
Total volume = 4,355 ft^2 (405 m^2) x 0.166 ft (0.051 m) = 722 ft^3 (20 m^3).
Gallons = 722 ft^3 (20 m^3) x 7.48 = 5,400 gallons (20,439 liters).

Not to Scale

N

Notes: Square feet = ft^2
Square meters = m^2
Cubic feet = ft^3
Cubic meters = m^3
Area in ft^2 (m^2)
Total volume in ft^3 (m^3)
Gallons = total volume x 7.48
Refer to Drawing H-2-87584 in Appendix 4A for floor dimensions.

224-T TRUSAF



46°33'34"
119°37'09"

8706421-11CN
(PHOTO TAKEN 1987)

224-T TRUSAF

TYPICAL CONTAINER

46°33'34"
119°37'09"

8700742-16CN
(PHOTO TAKEN 1987)

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author	Addressee	Correspondence No.
J. D. Bauer, RL (D. G. Saueressig, WHC)	D. B. Jansen, Ecology	Incoming 9301624 Xref 9255951D 23555

Subject: REVISION TO THE DANGEROUS WASTE PART A PERMIT APPLICATION FOR THE 224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY (WA78900089767) (TSD: S-2-2)

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