ANNEX I to ATTACHMENT F

WASTE STREAM PROFILES – NON-WIPP

NOTE: The TRU Waste Baseline Inventory Waste Profile forms only reflect the data as reported by the TRU Waste Sites. During the process of generating the TRU Waste Baseline Inventory Report for the CRA, priority was given to developing data or those parameters considered important to performance assessment (PA). SNL will evaluate whether any of the individual or cumulative inconsistencies identified have an impact on PA.

The following waste stream profiles contain information on waste streams that were not compliant with the Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (CH-WAC; DOE 2000) as of the inventory date, September 30, 2002. These waste streams may, however, be considered for disposal at the WIPP pending treatment, repackaging, or other disposition that brings them into compliance with the CH-WAC. Annex F contains a memo that lists the limiting conditions (screening criteria) that were used to screen these waste streams out of the inventory. The TRU waste sites that have reported non-WIPP waste streams are:

1.	Argonne National Laboratory – West	AW
2.	Babcock and Wilcox, Lynchberg	BL
3.	Framatome (Richland)	FR
4.	General Electric Vallecitos Nuclear Center	GE
5.	Idaho National Engineering and Environmental Laboratory	IN
6.	Knolls Atomic Power Laboratory – Nuclear Fuels Service	KN
7.	Los Alamos National Laboratory	LA
8.	Lawrence Berkeley National Laboratory	LB
9.	Paducah Gaseous Diffusion Plant	PA
10.	Rocky Flats Environmental Technology Site	RF
11.	Hanford (Richland Operations)	RL
12.	Sandia National Laboratories (Albuquerque)	SA
13.	Separations Process Research Unit	SP
14.	Savannah River Site	SR
15.	West Valley Demonstration Project	WV

Editorial Note: The date, “Stored End of CY 2001” under the waste volume detail area of the waste profile forms should be “Stored End of FY 2002,” indicating the end of the fiscal year (September 30, 2002) and not the end of calendar year 2001.

REFERENCES

Department of Energy (DOE). 2002. Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant, Revision 0, DOE/WIPP-02-3122, May 17, 2002.

TWBIR ID: AW-W018

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	AW-W018	**Handling**	RH	**Stream Name**	SODIUM - TRU			**Inventory Date**	9/30/2002
Local ID	CH-ANL-180T	**Waste Type**	MTRU	**Generator Site**	AW	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	X7520

EPA Codes

As-Generated
D001, D003

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.83E+02
Ba-137m	1.67E+05
Ce-141	1.45E+04
Ce-144	4.50E+05
Cm-242	1.68E+03
Cs-134	2.65E+04
Cs-137	1.77E+05
Eu-154	3.66E+03
Eu-155	1.95E+04
Kr-85	9.65E+03
Nb-95	2.15E+05
Pm-147	2.56E+05
Pr-144	4.50E+05
Pr-144m	5.40E+03

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : AW-W018

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Liner / 0.1m3	14.1	0.0	0.0	0.0	0.0	14.1
Liner / 0.3m3	29.1	0.0	0.0	0.0	0.0	29.1
Liner / 0.5m3	197.0	0.0	0.0	0.0	0.0	197.0

As-Generated	Stored	Projected	Total
	240.2	0.0	240.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister used to overpack	240.7	0.0	0.0	0.0	0.0	240.7

Final Form	Stored	Projected	Total
	240.7	0.0	240.7

TWBIR ID: AW-W018

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Pu-238	9.53E+02
Pu-239	1.69E+04
Pu-240	2.84E+03
Pu-241	7.05E+04
Rh-103m	3.91E+04
Rh-106	5.28E+05
Ru-103	3.90E+04
Ru-106	5.28E+05
Sb-125	1.58E+04
Sm-151	6.41E+03
Sr-89	2.72E+04
Sr-90	7.24E+04
Te-125m	3.83E+03
Te-127	4.28E+03

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Te-127m	4.37E+03
Y-90	7.25E+04
Y-91	5.05E+04
Zr-95	1.07E+05

Waste Stream Description Sodium is used as a primary and was used as a secondary coolant for the EBR-II reactor. Waste sodium metal is a hazardous constituent of some of the TRU waste stored at the ANL-W Radioactive Scrap and Waste Facility (RSWF). The waste is generated during maintenance and operational activities. The sodium typically coats waste metal equipment, experiments, and components removed during reactor operations and maintenance activities or is contained in blanket elements. This waste will require treatment prior to disposal at WIPP. Final waste form has not been determined yet.

Waste Stream Source Description This waste stream was generated at ANL-767, EBR-II Reactor Building, and ANL-785, Hot Fuel Examination Facility: (ANL-767) Typical nuclear reactor operations including maintenance activities on control systems. (ANL-785) Hot cells operations including dismantling and examination of nuclear fuels and experiments which contain elemental sodium.. The generating process is: Some maintenance activities in Bldg. 767 involve working on and replacement of sodium wetted equipment associated with the EBR-II cooling systems. If the waste equipment cannot be cleaned of the sodium metal, it is stored in the RSSF, Also, the secondary cooling systems at EBR-II occasionally leak sodium metal. Cleanup operations generate sodium-contaminated wastes. All 767 wastes are contact-handled. Processes in Bldg. 785 more routinely generate sodium contaminated wastes because materials handled and examined in the facility (nuclear fuel rods and assemblies, and experiments) contain sodium. All 785 wastes are remote handled.

Current Container Comments N/A

EPA Comments Sodium is not dispersed uniformly throughout the waste matrix.

Management Comments Alpha Containment, THE WASTE MATERIAL PARAMETERS HAVE NOT BEEN DEVELOPED FOR THIS WASTE STREAM. THE WASTE STREAM NEEDS TO BE TREATED AND FURTHER CHARACTERIZED BECAUSE IT DOES NOT MEET THE WIPP WAC REQUIREMENTS.

TWBIR ID: AW-W018

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Acceptance Comments	N/A
Final Form Comments	THE WASTE MATERIAL PARAMETERS HAVE NOT BEEN DEVELOPED FOR THIS WASTE STREAM. THE WASTE STREAM NEEDS TO BE TREATED AND FURTHER CHARACTERIZED BECAUSE IT DOES NOT MEET THE WIPP WAC REQUIREMENTS.

THIS PAGE INTENTIONALLY LEFT BLANK

TWBIR ID: AW-W019

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	AW-W019	**Handling**	RH	**Stream Name**	SODIUM POTASSIUM -NaK- TRU			**Inventory Date**	9/30/2002
Local ID	CH-ANL-182T	**Waste Type**	MTRU	**Generator Site**	AW	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	X7520

EPA Codes

As-Generated
D003

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.78E+02
Ba-137m	2.09E+05
Ce-141	1.81E+04
Ce-144	5.62E+05
Cm-242	2.10E+03
Cs-134	3.31E+04
Cs-137	2.21E+05
Eu-154	4.57E+03
Eu-155	2.44E+04
Kr-85	1.20E+04
Nb-95	2.68E+05
Pm-147	3.19E+05
Pr-144	5.62E+05
Pr-144m	6.75E+03

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : AW-W019

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Liner / 0.1m3	0.7	0.0	0.0	0.0	0.0	0.7
Liner / 0.3m3	1.2	0.0	0.0	0.0	0.0	1.2
Liner / 0.5m3	2.0	0.0	0.0	0.0	0.0	2.0

As-Generated	Stored	Projected	Total
	3.9	0.0	3.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister used to overpack	4.1	0.0	0.0	0.0	0.0	4.1

Final Form	Stored	Projected	Total
	4.1	0.0	4.1

TWBIR ID: AW-W019

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Pu-238	1.19E+03
Pu-239	2.11E+04
Pu-240	3.55E+03
Pu-241	8.80E+04
Rh-103m	4.88E+04
Rh-106	6.60E+05
Ru-103	4.87E+04
Ru-106	6.60E+05
Sb-125	1.97E+04
Sm-151	8.01E+03
Sr-89	3.40E+04
Sr-90	9.04E+04
Te-125m	4.78E+03
Te-127	5.34E+03

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Te-127m	5.46E+03
Y-90	9.06E+04
Y-91	6.30E+04
Zr-95	1.34E+05

Waste Stream Description Sodium potassium alloy (NaK) is used as a coolant for some components of the EBR-II Reactor. Waste NaK metal is a hazardous constituent of some transuranic wastes stored at the ANL-W Radioactive Scrap and Waste Facility (RSWF). The remote-handled NaK waste at RSWF is contained in stainless steel capsules or tubing and placed inside carbon steel waste cans which then are placed in stainless steel outer cans. The entire package is then stored in RSWF storage liners (carbon steel soil storage vaults). The NaK is generated during maintenance and operational activities. NaK waste is in canisters with TRU waste metal pieces and rods from reactor experiments. This waste will require treatment prior to disposal at WIPP. Final waste form has not been determined yet.

Waste Stream Source Description This waste stream was generated at ANL-767, EBR-II REactor Building: Typical nuclear reactor operations including maintenance activities on control systems.. The generating process is: The remote-handled NaK waste currently stored at RSWF is contained in stainless steel capsules or tubing as part of nuclear experiments. The waste is in canisters with TRU waste metal pieces and rods from reactor experiments.

Current Container Comments N/A

EPA Comments Waste is stored at RSWF in various liners with varying amounts of NaK contamination.

Management Comments THE WASTE MATERIAL PARAMETERS HAVE NOT BEEN DEVELOPED FOR THIS WASTE STREAM. THE WASTE STREAM NEEDS TO BE TREATED AND FURTHER CHARACTERIZED BECAUSE IT DOES NOT MEET THE WIPP WAC REQUIREMENTS.

Acceptance Comments N/A

TWBIR ID: AW-W019

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Comments	THE WASTE MATERIAL PARAMETERS HAVE NOT BEEN DEVELOPED FOR THIS WASTE STREAM. THE WASTE STREAM NEEDS TO BE TREATED AND FURTHER CHARACTERIZED BECAUSE IT DOES NOT MEET THE WIPP WAC REQUIREMENTS.

THIS PAGE INTENTIONALLY LEFT BLANK

TWBIR ID: AW-W029

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	RSWF TRANSURANIC WASTE			**Inventory Date**	9/30/2002
Local ID	CH-ANL-538	**Waste Type**	TRU	**Generator Site**	AW	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5111

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	126.90	90.30	223.50
Aluminum-Base Metal/Alloys	2.40	1.70	6.90
Other Metal/Alloys	266.50	214.20	406.90
Other Inorganic Materials	14.60	10.20	21.40
Cellulosics	8.30	6.70	12.70
Rubber	0.50	0.30	1.50
Plastics	5.40	1.80	11.40
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	526.00		
Packaging Material, Plastic	26.00		
Packaging Material, Lead	464.70		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Other/Multiple Sources

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.79E+02
Ba-137m	7.84E+04
Ce-141	6.80E+03
Ce-144	2.11E+05
Cm-242	7.86E+02
Cs-134	1.24E+04
Cs-137	8.28E+04
Eu-154	1.71E+03
Eu-155	9.13E+03
Kr-85	4.52E+03
Nb-95	1.00E+05
Pm-147	1.20E+05
Pr-144	2.11E+05
Pr-144m	2.53E+03

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : AW-W029

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Liner / 0.1m3	2.6	0.0	0.0	0.0	0.0	2.6
Liner / 0.3m3	4.5	0.0	0.0	0.0	0.0	4.5
Liner / 0.5m3	37.0	0.0	0.0	0.0	0.0	37.0

As-Generated	Stored	44.1	Projected	0.0	Total	44.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister used to overpack	44.2	0.0	0.0	0.0	0.0	44.2

Final Form	Stored	44.2	Projected	0.0	Total	44.2

TWBIR ID: AW-W029

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Pu-238	4.46E+02
Pu-239	7.92E+03
Pu-240	1.33E+03
Pu-241	3.30E+04
Rh-103m	1.83E+04
Rh-106	2.47E+05
Ru-103	1.83E+04
Ru-106	2.47E+05
Sb-125	7.39E+03
Sm-151	3.00E+03
Sr-89	1.28E+04
Sr-90	3.39E+04
Te-125m	1.79E+03
Te-127	2.00E+03

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Te-127m	2.05E+03
Y-90	3.40E+04
Y-91	2.36E+04
Zr-95	5.01E+04

Waste Stream Description Radioactive Scrap and Waste Facility (RSWF) Waste containers storing TRU waste from various facilities. Waste includes analytical samples, EBR-I waste and subassembly hardware.

Waste Stream Source Description N/A

Current Container Comments N/A

EPA Comments N/A

Management Comments N/A

Acceptance Comments N/A

Final Form Comments N/A

TWBIR ID: BL-001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Reactor Fuel Test Specimens	**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	BL	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : BL-001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	45.1	0.0	0.0	0.0	0.0	45.1

As-Generated	Stored	45.1	Projected	0.0	Total	45.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	45.1	0.0	0.0	0.0	0.0	45.1

Final Form	Stored	45.1	Projected	0.0	Total	45.1

TWBIR ID: BL-001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste consists mostly of cellulostics, rubber, and lead-lined gloves.
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	* Defense Determination Needed
Final Form Comments	N/A

TWBIR ID: FM-MOX-MT02

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Framatome MOX Fuel Plant D&D Mixed TRU Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	FR	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5400

EPA Codes

As-Generated
D008

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	305.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	56.00	0.00	0.00
Rubber	21.00	0.00	0.00
Plastics	4.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	143.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste, Discarding Excess/Expired Materials

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.43E-06
Pu-238	1.48E-06
Pu-239	7.20E-07
Pu-240	4.30E-07
Pu-241	6.07E-05
Pu-242	1.00E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : FM-MOX-MT02

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon in overpack	0.4	0.0	0.0	0.0	0.0	0.4

As-Generated	Stored	Projected	Total
	0.4	0.0	0.4

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	Projected	Total
	0.4	0.0	0.4

TWBIR ID: FM-MOX-MT02

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste is from the D&D of a Mixed Oxide fuel fabrication plant. Wastes consist of discarded equipment (motors, grinders, scales, etc.) and decontamination wastes (rags, protective clothing, sweeps, etc.) from the D&D of the facility.
Waste Stream Source Description	N/A
Current Container Comments	2 55-gallon drums are overpacked in 85-gallon drums. All container are in excellent condition.
EPA Comments	The source of the lead listed in 2 drums is probably lead contained as shielding material in some of the gloves in the facility. The Mixed Oxide process involved the dry blending of PuO2 and UO2 powders, palletizing, sintering, and rod loading. It did not involve chemical conversion or wet chemical processes; therefore, equipment from the facility is not expected to contain chemical contamination. All oil referred to on the inventory list is limited to hydraulic/lubricating oil from process equipment. There is no reason to believe that the oil contained PCBs, solvents, or toxic metals. Organic solvents were not utilized in the decontamination work.
Management Comments	Waste will be accepted into the Hanford TRU Program and characterized to meet all certification requirements for shipment to WIPP.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: FM-MOX-T01

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Framatome MOX Fuel Plant D&D TRU Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	FR	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5400

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	305.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	56.00	0.00	0.00
Rubber	21.00	0.00	0.00
Plastics	4.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	143.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	59.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste, Discarding Excess/Expired Materials

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.43E-06
Pu-238	1.48E-06
Pu-239	7.20E-07
Pu-240	4.30E-07
Pu-241	6.07E-05
Pu-242	1.00E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : FM-MOX-T01

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon in overpack	6.9	0.0	0.0	0.0	0.0	6.9

As-Generated	Stored	6.9	Projected	0.0	Total	6.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	6.9	0.0	0.0	0.0	0.0	6.9

Final Form	Stored	6.9	Projected	0.0	Total	6.9

TWBIR ID: FM-MOX-T01

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste is from the D&D of a Mixed Oxide fuel fabrication plant. Wastes consist of discarded equipment (motors, grinders, scales, etc.) and decontamination wastes (rags, protective clothing, sweeps, etc.) from the D&D of the facility. The 6M container includes 85 mixed oxide pellets.
Waste Stream Source Description	N/A
Current Container Comments	32 55-gallon drums are overpacked in 85-gallon drums. One 6-M container is overpacked into an 85-gallon drum. All container are in excellent condition.
EPA Comments	N/A
Management Comments	Waste will be accepted into the Hanford TRU Program and characterized to meet all certification requirements for shipment to WIPP.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: VN-CHT001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	GE	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : VN-CHT001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	0.0	0.0	0.0	0.0	20.2

As-Generated	Stored	0.0	Projected	20.2	Total	20.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	20.2

Final Form	Stored	0.0	Projected	20.2	Total	20.2

TWBIR ID: VN-CHT001

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste will be generated from refurbishment of an alpha high-level hot cell.
Waste Stream Source Description	N/A
Current Container Comments	waste not generated yet - not funded
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: VN-RHT001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	GE	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : VN-RHT001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.0	0.0	0.0	0.0	0.0	12.5

As-Generated	Stored	Projected	Total
	0.0	12.5	12.5

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.0	0.0	0.0	0.0	0.0	12.5

Final Form	Stored	Projected	Total
	0.0	12.5	12.5

TWBIR ID: VN-RHT001

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste will be generated from the refurbishment of an alpha high-level hot cell.
Waste Stream Source Description	N/A
Current Container Comments	waste not yet generated.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: IN-SBW-01A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	SBW Treatment Option 1 - Calcine Process - Calcine	**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	IN	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3000

EPA Codes

As-Generated
D004, D005, D006, D007, D008, D009, D010, D011, F001, F002, F005, N/A, U134

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	1200.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	499.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Materials Production/Recovery Effluents

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.11E-01
Am-242	5.66E-05
Am-242m	4.51E-05
Am-243	8.04E-05
Ba-137m	1.91E+02
C-14	3.83E-03
Cd-113m	1.16E-02
Ce-144	1.09E-02
Cf-249	1.33E-14
Cf-250	1.27E-14
Cf-251	2.06E-16
Cm-242	7.36E-05
Cm-243	1.13E-04
Cm-244	1.16E-02

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-SBW-01A

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Other	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.0	0.0	0.0	0.0	0.0	1100.0

Final Form	Stored	Projected	Total
	0.0	1100.0	1100.0

TWBIR ID: IN-SBW-01A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Cm-245	2.24E-07
Cm-246	1.45E-08
Cm-247	1.63E-14
Cm-248	1.76E-14
Co-60	2.17E-01
Cs-134	8.29E-01
Cs-135	3.28E-03
Cs-137	2.00E+02
Eu-152	1.11E-02
Eu-154	7.42E-01
Eu-155	7.12E-01
Nb-93m	4.74E-03
Nb-94	2.47E-01
Ni-59	2.87E-03

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Ni-63	1.66E-01
Np-237	6.28E-03
Np-239	6.41E-05
Pa-233	8.54E-03
Pa-234m	6.17E-05
Pd-107	4.74E-05
Pm-146	2.33E-04
Pm-147	1.58E+00
Pr-144	1.09E-02
Pu-236	2.35E-05
Pu-238	3.79E+00
Pu-239	4.51E-01
Pu-240	3.73E-02
Pu-241	2.00E+00

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Pu-242	5.96E-05
Pu-244	5.10E-13
Sb-125	4.04E+00
Sb-126	1.68E-04
Sb-126m	1.21E-03
Se-79	1.61E-03
Sm-151	1.28E+00
Sn-121m	2.06E-04
Sn-126	1.52E-03
Sr-90	1.61E+02
Tc-99	1.78E-01
Te-125m	2.21E-02
Th-230	6.00E-07
Th-231	7.74E-05

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Th-234	6.17E-05
U-232	2.17E-05
U-233	3.62E-07
U-234	3.92E-03
U-235	1.07E-04
U-236	1.73E-04
U-237	8.51E-05
U-238	1.03E-04
Y-90	1.60E+02
Zr-93	6.41E-03

Waste Stream Description The liquid SBW would be transferred from the storage tanks to the calcine process over a 2.5-year period. The calciner is a fluidized bed reactor that converts the metals dissolved in the nitric acid into a dry granular powder. The fluidized bed operates at temperature between 550 and 600 degrees centigrade. The SBW feed to the calcine process would be mixed with aluminum nitrate and calcium nitrate, to tie up sodium and potassium and fluoride in the fluidized bed. The calcine would be removed pneumatically from the fluidized bed and transferred to the canning facility and placed in to 72-B canisters. The calciner off-gas is scrubbed with nitric acid to cool and remove fine calcine, mercury and chlorides from the off-gas. The off-gas would then pass through HEPA filters. The calcine would be RH-TRU waste, dried to 1% moisture, and would generate approximately 1375 canisters with a surface dose rate <100 Rem/hr.

This treatment option was selected to be input into the 2002 update to the TWBIR, since only one option can be input. This is the bounding case for RH-TRU. Inventory will be adjusted accordingly when final option is determined.

Waste Stream Source Description N/A

Current Container Comments N/A

EPA Comments The EPA codes listed above are based on process knowledge and sampling of the liquid SBW stored in tanks. This is a potential newly generated waste stream and not analysis of the final waste form has been performed. Process research and development results have been used to estimate the volume and concentration of the constituents in the final waste form.

Management Comments The total inventory figures as to the waste volume and number of containers is based on preliminary process design calculation and could changes as the waste is retrieved and treated to a final waste form. Retrieval of the waste from the storage tanks, treatment, and shipping is planned to start in 2009 and be completed in 2012.

TWBIR ID: IN-SBW-01A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Acceptance Comments	N/A
Final Form Comments	The calcine generated by the SBW Calcine/MACT Treatment Process would generate approximately 1375 72-B canisters with a surface dose rate of 50 Rem/hr. Calcine is a dry granular product

THIS PAGE INTENTIONALLY LEFT BLANK

TWBIR ID: IN-SBW-01B

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	SBW Treatment Option 1 - Calcine Process - Grouted Scrub	**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	IN	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3000

EPA Codes

As-Generated
D004, D005, D006, D007, D008, D009, D010, D011, F001, F002, F005, U134

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	1600.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	499.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Materials Production/Recovery Effluents

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.22E-02
Am-242	2.22E-06
Am-242m	1.78E-06
Am-243	3.15E-06
Ba-137m	7.49E+00
C-14	1.50E-04
Cd-113m	4.56E-04
Ce-144	4.29E-04
Cf-249	5.23E-16
Cf-250	4.99E-16
Cf-251	8.10E-18
Cm-242	2.90E-06
Cm-243	4.45E-06
Cm-244	4.53E-04

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-SBW-01B

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Other	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.0	0.0	0.0	0.0	0.0	30.4

Final Form	Stored	Projected	Total
	0.0	30.4	30.4

TWBIR ID: IN-SBW-01B

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Cm-245	8.82E-09
Cm-246	5.71E-10
Cm-247	6.43E-16
Cm-248	6.90E-16
Co-60	8.51E-03
Cs-134	3.26E-02
Cs-135	1.29E-04
Cs-137	7.84E+00
Eu-152	4.34E-04
Eu-154	2.91E-02
Eu-155	2.78E-02
I-129	4.21E-06
Nb-93m	1.86E-04
Nb-94	9.73E-03

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Ni-59	1.13E-04
Ni-63	6.51E-03
Np-237	2.46E-04
Np-239	2.51E-06
Pa-233	3.36E-04
Pa-234m	2.42E-06
Pd-107	1.86E-06
Pm-146	9.12E-06
Pm-147	6.19E-02
Pr-144	4.29E-04
Pu-236	9.23E-07
Pu-238	1.49E-01
Pu-239	1.78E-02
Pu-240	1.47E-03

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Pu-241	7.86E-02
Pu-242	2.34E-06
Pu-244	2.00E-14
Rh-102	3.42E-06
Rh-106	2.02E-02
Ru-106	2.02E-02
Sb-125	1.59E-01
Sb-126	6.61E-06
Sb-126m	4.75E-05
Se-79	6.32E-05
Sm-151	5.02E-02
Sn-121m	8.10E-06
Sn-126	5.97E-05
Sr-90	6.30E+00

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Tc-99	6.96E-03
Te-125m	8.66E-04
Th-230	2.35E-08
Th-231	3.04E-06
Th-234	2.42E-06
U-232	8.53E-07
U-233	1.42E-08
U-234	1.54E-04
U-235	4.19E-06
U-236	6.77E-06
U-237	3.34E-06
U-238	4.05E-06
Y-90	6.29E+00
Zr-93	2.51E-04

Waste Stream Description The liquid SBW would be transferred from the storage tanks to the calcine process over a 2.5-year period. The calciner is a fluidized bed reactor that converts the metals dissolved in the nitric acid into a dry granular powder. The fluidized bed operates at temperature between 550 and 600 degrees centigrade. The SBW feed to the calcine process would be mixed with aluminum nitrate and calcium nitrate, to tie up sodium and potassium and fluoride in the fluidized bed. The calcine would be removed pneumatically from the fluidized bed and transferred to the canning facility and placed in to 72-B canisters. The calciner off-gas is scrubbed with nitric acid to cool and remove fine calcine, mercury and chlorides from the off-gas. The scrubber blowdown would be grouted with 14 wt % Ca(OH)2, 9 wt % blast furnace slag and 7 wt % Portland cement. The grout would contain 30% moisture and packaged in RH-canister and generate approximately 38 canisters with a surface dose rate <100 Rem/hr.

Waste Stream Source Description N/A

Current Container Comments N/A

EPA Comments The EPA codes listed above are based on process knowledge and sampling of the liquid SBW stored in tanks. This is a potential newly generated waste stream and not analysis of the final waste form has been performed. Process research and development results have been used to estimate the volume and concentration of the constituents in the final waste form.

Management Comments The total inventory figures as to the waste volume and number of containers is based on preliminary process design calculation and could changes as the waste is retrieved and treated to a final waste form. Retrieval of the waste from the storage tanks, treatment, and shipping is planned to start in 2009 and be completed in 2012.

TWBIR ID: IN-SBW-01B

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Acceptance Comments	N/A
Final Form Comments	Grouted Scrub waste stream will generate approximately 38 canisters with a surface dose rate <100 Rem/hr.

THIS PAGE INTENTIONALLY LEFT BLANK

TWBIR ID: IN-TRA-BE-01

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	TRA Beryllium Blocks			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	IN	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	337.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	454.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	N/A

TRUCON Codes

NA

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.89E-02
Be-10	9.87E-01
C-14	7.81E+00
Co-60	4.87E+02
Cs-137	6.11E+00
H-3	8.11E+04
I-129	5.86E-06
Ni-59	1.01E-01
Ni-63	2.35E+01
Pu-238	2.95E-02
Pu-239	5.90E-03
Pu-240	1.54E-02
Pu-241	1.97E+00
Pu-242	3.23E-04

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-TRA-BE-01

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Other	4.0	0.9	2.2	1.3	0.0	9.0

As-Generated	Stored	Projected	Total
	4.0	5.0	9.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	11.6	0.0	0.0	0.0	0.0	24.0

Final Form	Stored	Projected	Total
	11.6	12.5	24.0

TWBIR ID: IN-TRA-BE-01

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Sr-90	1.80E+00
U-233	2.15E-05
U-234	5.50E-06
U-238	1.88E-06

Waste Stream Description This waste stream consists of beryllium reflector blocks and outer shim control cylinders (OSCCs) removed from the Advanced Test Reactor (ATR) at INEEL.

Waste Stream Source Description N/A

Current Container Comments These blocks and OSCCs are not in containers. This waste stream will be put into canisters for disposition (2 blocks/canister, 8 OSCCs/canister). The canister volume is 1 m3.

EPA Comments N/A

Management Comments This is a new waste stream and was not included in the previous Transuranic Waste Baseline Inventory Report submittal.

Acceptance Comments N/A

Final Form Comments N/A

TWBIR ID: IN-W146.699

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W146	**Handling**	CH	**Stream Name**	TRU HEAVY METAL SLUDGE			**Inventory Date**	4/30/1995
Local ID	ID-TRA-291T	**Waste Type**	MTRU	**Generator Site**	IN	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3120

EPA Codes

As-Generated
D006, D007, D008, D009, D011

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	394.20	173.10	528.80
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	399.00	173.10	528.80
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.24E-01
Ce-144	1.38E+00
Cm-244	4.06E-01
Co-60	7.20E-01
Cs-134	2.79E+00
Cs-137	3.07E+01
Eu-154	3.55E-01
Eu-155	2.01E+05
Pu-238	3.70E-01
Pu-239	3.03E-01
Sb-125	1.34E-01
Sr-90	4.18E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W146.699

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	2.1	0.0	0.0	0.0	0.0	2.1

As-Generated	Stored	Projected	Total
	2.1	0.0	2.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	2.3	0.0	0.0	0.0	0.0	2.3

Final Form	Stored	Projected	Total
	2.3	0.0	2.3

TWBIR ID: IN-W146.699

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste stream was sludge generated from four catch tanks that were removed from service. The sludge was generated from activitiy in the TRA Hot Cell and the TRA Chemistry Laboratories. This was generated only "one time."
Waste Stream Source Description	This waste stream was generated at TRA, TRA-730 MTR Catch Tanks: Tanks collect waste from laboratories and the TRA Hot Cells.. The generating process is: Laboratory and Hot Cell operations.
Current Container Comments	N/A
EPA Comments	High uncertainty.
Management Comments	Contact radiation readings range from 800 mR/hr to 5000 mR/hr.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years.

TWBIR ID: IN-W325.1076

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W325	**Handling**	CH	**Stream Name**	CLASSIFIED PARTS:Cert-repack			**Inventory Date**	4/30/1995
Local ID	ID-MDO-815T	**Waste Type**	TRU	**Generator Site**	MD	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.30	0.00	17.90
Other Inorganic Materials	11.10	0.00	17.30
Cellulosics	63.00	63.00	706.70
Rubber	19.30	19.30	194.40
Plastics	191.80	158.70	706.70
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	3.23E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W325.1076

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	Projected	Total
	0.2	0.0	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	Projected	Total
	0.4	0.0	0.4

TWBIR ID: IN-W325.1076

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no content information for this waste stream, which was generated at Mound Laboratory. It is thought that there may be classified parts in this waste. Classified parts will be removed prior to shipment to WIPP and the stream will be declassified in final form.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years.

TWBIR ID: IN-W325.679

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W325	**Handling**	CH	**Stream Name**	CLASSIFIED PARTS:Direct Ship			**Inventory Date**	4/30/1995
Local ID	ID-MDO-815T	**Waste Type**	TRU	**Generator Site**	MD	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.17	0.00	17.90
Other Inorganic Materials	6.44	0.00	17.30
Cellulosics	36.55	27.73	706.70
Rubber	11.20	8.50	194.40
Plastics	111.27	69.86	706.70
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	191.75		
Packaging Material, Plastic	22.38		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	3.23E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W325.679

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2
SWB used to overpack 55 gall	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	0.8	Projected	0.0	Total	0.8

TWBIR ID: IN-W325.679

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no content information for this waste stream, which was generated at Mound Laboratory. It is thought that there may be classified parts in this waste. Classified parts will be removed prior to shipment to WIPP and the stream will be declassified in final form.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years. Original data showed 1 SWB. Int. volume and # stored changed to more accurately reflect the waste volume of 0.5 m3 as follows: .5 m3 / .208 m3 / drum = 2.404 drums, rounded to 3 drums. Tb 3/27/03.

TWBIR ID: IN-W350.650

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W350	**Handling**	CH	**Stream Name**	SPECIAL SOURCE MATERIAL:Direct Ship			**Inventory Date**	4/30/1995
Local ID	ID-AEO-106T	**Waste Type**	TRU	**Generator Site**	AE	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	191.75		
Packaging Material, Plastic	22.38		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-239	5.74E+01
Pu-240	1.76E+02

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W350.650

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	Projected	Total
	0.2	0.0	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2
SWB used to overpack 55 gall	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	Projected	Total
	0.8	0.0	0.8

TWBIR ID: IN-W350.650

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no descriptive or constituent information available for this waste, which was generated at ANL-E.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years. Original data showed 1 SWB. Int. volume and # stored changed to more accurately reflect the waste volume of 0.5 m3 as follows: .5 m3 / .208 m3 / drum = 2.404 drums, rounded to 3 drums. Tb 3/27/03.

TWBIR ID: IN-W350.923

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W350	**Handling**	CH	**Stream Name**	SPECIAL SOURCE MATERIAL: Cert-repack			**Inventory Date**	4/30/1995
Local ID	ID-AEO-106T	**Waste Type**	TRU	**Generator Site**	AE	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-239	5.74E+01
Pu-240	1.76E+02

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W350.923

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: IN-W350.923

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no descriptive or constituent information available for this waste, which was generated at ANL-E.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years.

TWBIR ID: IN-W359.853

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W359	**Handling**	CH	**Stream Name**	NEUTRON SOURCES			**Inventory Date**	4/30/1995
Local ID	ID-BTO-015TN	**Waste Type**	TRU	**Generator Site**	BT	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	1.41E+02

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W359.853

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.6	0.0	0.0	0.0	0.0	0.6

As-Generated	Stored	Projected	Total
	0.6	0.0	0.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.8	0.0	0.0	0.0	0.0	0.8

Final Form	Stored	Projected	Total
	0.8	0.0	0.8

TWBIR ID: IN-W359.853

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no descriptive or constituent information available for this waste, which was generated at Bettis Atomic Power Laboratory.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years.

TWBIR ID: IN-W360.852

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W360	**Handling**	CH	**Stream Name**	MISCELLANEOUS SOURCES:RH Direct Ship			**Inventory Date**	4/30/1995
Local ID	ID-BTO-012TN	**Waste Type**	TRU	**Generator Site**	BT	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	191.75		
Packaging Material, Plastic	22.38		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W360.852

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2
SWB used to overpack 55 gall	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	0.8	Projected	0.0	Total	0.8

TWBIR ID: IN-W360.852

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no descriptive or constituent information available for this waste, which was generated at Bettis Atomic Power Laboratory.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	Original data showed 1 SWB. Int. volume and # stored changed to more accurately reflect the waste volume of 0.5 m3 as follows: .5 m3 / .208 m3 / drum = 2.404 drums, rounded to 3 drums. Tb 3/27/03.

TWBIR ID: IN-W360.912

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-W360	**Handling**	CH	**Stream Name**	MISCELLANEOUS SOURCES:Cert-repack			**Inventory Date**	4/30/1995
Local ID	ID-BTO-012TN	**Waste Type**	TRU	**Generator Site**	BT	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	No
Source:	Source Information Not Compiled

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-W360.912

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	Projected	Total
	0.2	0.0	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	Projected	Total
	0.2	0.0	0.2

TWBIR ID: IN-W360.912

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	There is no descriptive or constituent information available for this waste, which was generated at Bettis Atomic Power Laboratory.
Waste Stream Source Description	This waste stream was generated at UNK: UNK. The generating process is: UNK
Current Container Comments	N/A
EPA Comments	The EPA list in 3.4.3 is based on generator supplied process knowledge and/or headspace gas sampling. No TCLP or Total Analysis has been done.
Management Comments	Total inventory figures as to number of containers and volume of waste, is considered to be fairly accurate. All waste is presently stored on indoor or earthen covered pads. Retrieval from the earthen covered pads and examination of waste by real time radiography will begin in the next 1 - 2 years.
Acceptance Comments	N/A
Final Form Comments	All containers of this WTWBIR waste stream are included in the amount listed above. See 8.2.15.1.13 for the years.

TWBIR ID: IN-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	IN-Z001	**Handling**	U	**Stream Name**	RFP Buried TRU Waste at INEEL (Pre-1970)			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Unknown
PCBs:	Unknown
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.28E+00
Am-243	2.40E-03
Np-237	4.73E-05
Pu-238	3.06E-01
Pu-239	1.16E+00
Pu-240	3.06E-01
Pu-241	
Pu-242	
U-233	2.71E-05
U-234	1.21E-03
U-235	9.93E-05
U-236	5.13E-05
U-238	2.10E-03

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-Z001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Not contained	55800.0	0.0	0.0	0.0	0.0	55800.0

As-Generated — Stored: 55800.0 | Projected: 0.0 | Total: 55800.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0

Final Form — Stored: 0.0 | Projected: 0.0 | Total: 0.0

TWBIR ID: IN-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The INEEL will retrieve approximately 28,600 m3 of TRU waste that was buried in the Radioactive Waste Management Complex (RWMC) Subsurface Disposal Area (SDA) up until 1970. Most or all of this TRU waste originated from the Rocky Flats Plant (RFP). It is anticipated that the buried waste will have contaminated a significant quantity of interstitial and underburden soil, approximately 27,200 m3 of which is assumed to qualify as TRU waste itself. This totals up to 55,800 m3 of TRU waste and soil. All of this TRU waste and soil will be retrieved and some of it will be treated, in accordance with the Settlement Agreement of 1995, the Record of Decision in 1998, and the U.S. District Court ruling of April 1, 2003. The treatment methods and the final form of the waste are yet to be determined. For planning purposes, it is assumed that all of this TRU waste and TRU soil (55,800 m3) will have an activity of at least 100 nCi/g and will, therefore, be eligible for disposal/storage at WIPP. For performance assessment purposes, it is suggested that decay be initiated on January 1, 1970. Sr-90 and Cs-137 are present in some of the SDA-buried waste, having come from INEEL on-site facilities. It is not known how much of these radionuclides might be commingled with the RFP TRU waste after retrieval. Based on burial locations, however, which seem to be distinct from RFP burial locations, for the most part, it is assumed that there will be very little commingling and that these radionuclides will not be present in the waste stream in significant quantities. The As-Generated EPA Codes are assumed to be the same as those predicted for the Glovebox Excavator Method Project Heterogeneous Debris. Sources for Profile Data: Holdren, K. Jean, et al, 2002, Ancillary Basis for Risk Analysis (ABRA) of the Subsurface Disposal Area, INEEL/EXT-02-01125, Idaho National Engineering and Environmental Laboratory (INEEL), Idaho. (Table 4-1) Zitnik, James F. et al, 2002, Preliminary Evaluation of Remedial Alternatives for the Subsurface Disposal Area, INEEL/EXT-02-01258, Idaho National Engineering and Environmental Laboratory (INEEL), Idaho Falls, ID. (Figure 3-3)
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: IN-Z001A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	INEEL Disposed Irradiated Beryllium Reflector Waste	**Inventory Date**	9/30/2002
Local ID	New	**Waste Type**	U	**Generator Site**	IN	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	N/A
Residues:	N/A
Asbestos:	No
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Ac-227	7.56E-08
Am-241	1.38E-01
Am-243	7.63E-02
Be	4.52E+00
C-14	3.61E+01
Cl-36	3.44E-01
Cm-243	3.69E-03
Cm-244	1.26E+01
Cm-245	3.85E-03
Cm-246	6.47E-03
Cm-247	4.67E-05
Cm-248	9.09E-06
Co-60	2.23E+03
Cs-137	2.74E+01

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : IN-Z001A

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Not contained	2.6	0.0	0.0	0.0	0.0	2.6

As-Generated	Stored	Projected	Total
	2.6	0.0	2.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: IN-Z001A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Eu-152	2.34E-01
Eu-154	2.31E+01
H-3	1.04E+06
I-129	3.80E-02
Nb-94	8.16E-02
Ni-59	5.64E-01
Ni-63	1.17E+02
Np-237	4.57E-03
Pa-231	1.24E-05
Pb-210	2.97E-10
Pu-238	1.49E-01
Pu-239	5.06E-01
Pu-240	2.45E-01
Pu-241	1.09E+01

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
Pu-242	2.60E-01
Pu-244	3.78E-05
Ra-226	5.55E-11
Ra-228	2.82E-08
Sr-90	7.55E+00
Tc-99	1.17E-01
Th-228	2.01E-04
Th-229	7.60E-07
Th-230	3.68E-07
U-232	2.98E-04
U-233	8.61E-03
U-234	5.06E-03
U-235	1.50E-03
U-236	1.97E-02

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
U-238	1.67E+01

Waste Stream Description

The INEEL disposed of 2.562 m3 of highly active irradiated beryllium reflector waste in the Radioactive Waste Management Complex (RWMC) Subsurface Disposal Area (SDA) between 1970 and 1993. It originated from the Advanced Test Reactor, the Engineering Test Reactor, and the Materials Test Reactor at INEEL and was buried in trenches and soil vault rows at the SDA. This TRU waste will be retrieved in accordance with the Settlement Agreement of 1995, the Record of Decision in 1998, and the U.S. District Court ruling of April 1, 2003. The treatment methods, if any, and the final form of the waste are yet to be determined. For planning purposes, it is assumed that the final form of this TRU waste (2.562 m3) will have an activity of at least 100 nCi/g and will, therefore, be eligible for disposal/storage at WIPP, from a minimum concentration requirement. (In fact, the activity is high enough that it is expected to require remote handling.) The volume of material shown in this profile represents only the waste. It does not include any contaminated soil that may meet the 100 nCi/g criterion, making it eligible for disposal/storage at WIPP also. Since no soil is included in the volume, there is also no dilution of high activity concentrations. For performance assessment purposes, it is suggested that decay be initiated on January 1, 1994.

Source for Profile Data:
Mullen, Carlan K. et al, 2003, Beryllium Waste Transuranic Inventory in the Subsurface Disposal Area, Operable Unit 7-13/14, INEEL/EXT-01-01678, Rev 2, Idaho National Engineering and Environmental Laboratory (INEEL), Idaho. (Tables 1-1, 7-15, 7-23, and 7-24.)

Waste Stream Source Description N/A

Current Container Comments N/A

EPA Comments N/A

TWBIR ID: IN-Z001A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

THIS PAGE INTENTIONALLY LEFT BLANK

TWBIR ID: KN-B234PCBTRU

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Building 234 PCB TRU Waste			**Inventory Date**	9/30/2002
Local ID	B234PCBTRU	**Waste Type**	MTRU	**Generator Site**	KN	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5400

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	10.70	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	2.10	0.00	0.00
Rubber	21.50	0.00	0.00
Plastics	2.20	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	Yes
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.58E-02
Pu-238	2.68E-03
Pu-239	3.18E-02
Pu-240	1.07E-02
Pu-241	5.63E-02
Pu-242	1.15E-06
Tc-99	7.48E-05
Th-228	5.05E-07
Th-232	8.29E-08
U-232	5.05E-07
U-233	4.55E-05
U-234	3.04E-06
U-235	1.45E-07
U-238	1.66E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : KN-B234PCBTRU

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.4	0.2	0.0	0.0	0.0	0.6

As-Generated	Stored	Projected	Total
	0.4	0.2	0.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	Projected	Total
	0.4	0.2	0.6

TWBIR ID: KN-B234PCBTRU

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste is non-hazardous debris and soil from Building 234. The debris consists of metal chips/shavings, dust, cheesecloth, gloves, and plastic bottles from the cleanout of the shear baler used to decommission process equipment and glove boxes. It also includes rubber gasket material used to install glove boxes.
Waste Stream Source Description	N/A
Current Container Comments	All containerized waste requires repackaging for certificaton & shipment to WIPP.
EPA Comments	PCBs - TSCA regulated waste stream
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-OS-00-02

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Isotopic sources waiting determination of eligibility for WIPP disposal.			**Inventory Date**	9/30/2002
Local ID	OS-00-02	**Waste Type**	TRU	**Generator Site**	ZZ	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5100

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	2.97E+00

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-OS-00-02

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
POC	0.0	67.4	89.9	0.0	0.0	157.2

As-Generated	Stored	Projected	Total
	0.0	157.2	157.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
POC	0.0	0.0	0.0	0.0	0.0	157.2

Final Form	Stored	Projected	Total
	0.0	157.2	157.2

TWBIR ID: LA-OS-00-02

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Not provided
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	Former WS IDs: LAT009, also containes containers not previously associated with an identified BIR WS
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-01

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-01	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	20.51	0.18	188.42
Aluminum-Base Metal/Alloys	2.80	0.18	33.06
Other Metal/Alloys	2.28	0.18	27.86
Other Inorganic Materials	102.54	0.18	226.84
Cellulosics	2.22	0.18	10.08
Rubber	1.16	0.18	5.18
Plastics	4.59	0.18	67.45
Solidified, Inorganic Matrix	0.18	0.18	0.18
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	1.09	0.18	16.02
Soils	0.18	0.18	0.18
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.88E-04
Cm-244	2.88E-02
Co-60	5.33E-03
Pu-238	3.38E-02
Pu-239	3.98E-03
Pu-240	1.20E-04
Pu-241	2.44E-03
Pu-242	1.46E-08
Ra-226	1.61E-04
U-235	2.12E-10

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-01

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	8.9	0.0	0.0	0.0	0.0	8.9
85 gal	1.0	0.0	0.0	0.0	0.0	1.0
Other (large)	63.0	0.0	0.0	0.0	0.0	63.0
Other (medium)	4.0	0.0	0.0	0.0	0.0	4.0
Other (small)	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	76.9	Projected	0.0	Total	76.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	8.9	0.0	0.0	0.0	0.0	8.9
85 gal	1.0	0.0	0.0	0.0	0.0	1.0
Other (large)	63.0	0.0	0.0	0.0	0.0	63.0
Other (medium)	4.0	0.0	0.0	0.0	0.0	4.0
Other (small)	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	76.9	Projected	0.0	Total	76.9

TWBIR ID: LA-TA-00-01

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	assumed mixed but codes unknown
Management Comments	Former WS IDs: LAM003, LAM009, LAMR01, LAT001, LAT005, LAT008, and LAT009
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-02

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-02	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	34.38	0.18	102.79
Aluminum-Base Metal/Alloys	0.18	0.18	0.18
Other Metal/Alloys	0.18	0.18	0.18
Other Inorganic Materials	8.85	0.18	26.20
Cellulosics	13.01	0.18	31.70
Rubber	0.18	0.18	0.18
Plastics	14.49	0.18	43.11
Solidified, Inorganic Matrix	4.06	0.18	11.81
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.18	0.18	0.18
Soils	17.62	0.18	52.51
Packaging Material, Steel	0.78		
Packaging Material, Plastic	1.68		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.16E-04
Am-243	8.40E-09
Cf-251	1.39E-07
Cs-137	1.45E-09
Np-237	2.39E-08
Pb-210	1.54E-08
Pu-238	1.89E-02
Pu-239	3.05E-03
Pu-240	5.09E-04
Pu-241	8.15E-03
Pu-242	3.87E-08
Pu-244	1.51E-08
Ra-226	1.20E-10
U-233	4.52E-10

(Radionuclides continued next page)

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-02

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
30 gal	0.1	0.0	0.0	0.0	0.0	0.1
55 Gallon Drum	8.1	0.0	0.0	0.0	0.0	8.1
FRP Box	65.2	0.0	0.0	0.0	0.0	65.2
Other (large)	26.0	0.0	0.0	0.0	0.0	26.0
Other (small)	0.1	0.0	0.0	0.0	0.0	0.1
RH Can (2 gal)	0.0	0.0	0.0	0.0	0.0	0.0
Standard Waste Box	5.7	0.0	0.0	0.0	0.0	5.7

As-Generated	Stored	105.2	Projected	0.0	Total	105.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0
30 gal	0.1	0.0	0.0	0.0	0.0	0.1
55 Gallon Drum	8.1	0.0	0.0	0.0	0.0	8.1
FRP Box	65.2	0.0	0.0	0.0	0.0	65.2
Other (large)	26.0	0.0	0.0	0.0	0.0	26.0
Other (small)	0.1	0.0	0.0	0.0	0.0	0.1
RH Can (2 gal)	0.0	0.0	0.0	0.0	0.0	0.0
Standard Waste Box	5.7	0.0	0.0	0.0	0.0	5.7

Final Form	Stored	105.2	Projected	0.0	Total	105.2

TWBIR ID: LA-TA-00-02

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Final Form Radionuclides (Continued)

Isotope	Typical Concentration (Ci/m3)
U-234	1.17E-08
U-235	1.07E-08
U-236	4.60E-11
U-238	3.86E-08

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	assumed mixed but codes unknown
Management Comments	Former WS IDs: LAM001, LAM005, LAM009, LAT004, LAT005, LAT006, LAT009, and LATR07; also containes containers not previously associated with an identified BIR WS
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-03

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-03	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	38.00	0.67	159.23
Aluminum-Base Metal/Alloys	7.00	0.18	28.73
Other Metal/Alloys	5.42	0.18	21.59
Other Inorganic Materials	4.47	0.67	20.22
Cellulosics	9.87	0.18	23.20
Rubber	4.69	0.18	10.71
Plastics	15.92	0.18	37.98
Solidified, Inorganic Matrix	11.41	0.18	94.78
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	56.75	0.18	459.68
Soils	7.85	0.18	67.75
Packaging Material, Steel	4.83		
Packaging Material, Plastic	2.92		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.66E-03
Cm-244	2.75E-01
Pu-238	2.55E-01
Pu-239	5.61E-02
Pu-240	1.21E-02
Pu-241	3.17E-01
Pu-242	2.78E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-03

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	7.1	0.0	0.0	0.0	0.0	7.1
85 Gal	0.6	0.0	0.0	0.0	0.0	0.6

As-Generated	Stored	7.7	Projected	0.0	Total	7.7

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0
55 Gallon Drum	7.1	0.0	0.0	0.0	0.0	7.1
85 Gal	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	7.7	Projected	0.0	Total	7.7

TWBIR ID: LA-TA-00-03

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	assumed mixed but codes unknown
Management Comments	Former WS ID: LAM009
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-04

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-04	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.48E-06
Pu-238	1.01E-02
Pu-239	1.88E-03
Pu-240	4.12E-04
Pu-241	8.64E-03
Pu-242	6.31E-08
U-235	5.79E-11

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-04

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Crate	36.1	0.0	0.0	0.0	0.0	36.1
FRP Box	154.0	0.0	0.0	0.0	0.0	154.0
Other (large)	22.9	0.0	0.0	0.0	0.0	22.9

As-Generated	Stored	213.0	Projected	0.0	Total	213.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Crate	36.1	0.0	0.0	0.0	0.0	36.1
FRP Box	154.0	0.0	0.0	0.0	0.0	154.0
Other (large)	22.9	0.0	0.0	0.0	0.0	22.9

Final Form	Stored	213.0	Projected	0.0	Total	213.0

TWBIR ID: LA-TA-00-04

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	assumed mixed but codes unknown
Management Comments	Former WS IDs: LAM001, LAM005, LAM009, LAT005, and LAT009.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-05

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-05	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.18	0.18	0.18
Aluminum-Base Metal/Alloys	0.18	0.18	0.18
Other Metal/Alloys	0.18	0.18	0.18
Other Inorganic Materials	0.18	0.18	0.18
Cellulosics	0.18	0.18	0.18
Rubber	0.18	0.18	0.18
Plastics	0.78	0.72	0.84
Solidified, Inorganic Matrix	77.74	69.92	85.56
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	377.46	333.95	420.96
Soils	53.09	45.01	61.16
Packaging Material, Steel	0.18		
Packaging Material, Plastic	1.47		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.18E-03
Pu-238	2.72E-03
Pu-239	7.35E-04
Pu-240	1.57E-04
Pu-241	2.41E-03
Pu-242	9.87E-09
U-234	1.85E-08
U-235	9.11E-10
U-238	1.73E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-05

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
30 gal drum	5.5	0.0	0.0	0.0	0.0	5.5
55 Gallon Drum	21.6	0.0	0.0	0.0	0.0	21.6
Other (large)	390.6	0.0	0.0	0.0	0.0	390.6

As-Generated	Stored	417.8	Projected	0.0	Total	417.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0
30 gal drum	5.5	0.0	0.0	0.0	0.0	5.5
55 Gallon Drum	21.6	0.0	0.0	0.0	0.0	21.6
Other (large)	390.6	0.0	0.0	0.0	0.0	390.6

Final Form	Stored	417.8	Projected	0.0	Total	417.8

TWBIR ID: LA-TA-00-05

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	assumed mixed but codes unknown
Management Comments	Former WS IDs: LAM001, LAM002, LAM003, LAM004, LAM006, LAT004, LAT005, and LAT006.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-06

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-06	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
D005, D006, D007, D008, D009, D011, D019, D021, D022, D039, D040, F002, F003

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	77.88	0.18	230.19
Aluminum-Base Metal/Alloys	0.18	0.18	0.18
Other Metal/Alloys	0.18	0.18	0.18
Other Inorganic Materials	12.90	0.18	88.05
Cellulosics	2.08	0.18	13.90
Rubber	0.18	0.18	0.18
Plastics	6.40	0.18	41.11
Solidified, Inorganic Matrix	0.18	0.18	0.18
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.18	0.18	0.18
Soils	0.57	0.18	5.29
Packaging Material, Steel	9.82		
Packaging Material, Plastic	2.27		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.61E-03
Pu-238	2.40E+00
Pu-239	3.28E-03
Pu-240	1.52E-03
Pu-241	7.86E-02
Pu-242	8.08E-07
U-235	2.84E-07
U-238	1.10E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-06

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	33.3	0.0	0.0	0.0	0.0	33.3
Standard Waste Box	11.4	0.0	0.0	0.0	0.0	11.4

As-Generated	Stored	44.7	Projected	0.0	Total	44.7

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0
55 Gallon Drum	33.3	0.0	0.0	0.0	0.0	33.3
Standard Waste Box	11.4	0.0	0.0	0.0	0.0	11.4

Final Form	Stored	44.7	Projected	0.0	Total	44.7

TWBIR ID: LA-TA-00-06

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	Former WS IDs: LAM004, LAM005, LAT004, LAT005, also contains containers not previously associated with an identified BIR WS
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-00-07

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Containers waiting assignment to waste streams			**Inventory Date**	9/30/2002
Local ID	TA-00-07	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
D040

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	11.32	0.18	125.69
Aluminum-Base Metal/Alloys	1.08	0.18	17.07
Other Metal/Alloys	1.01	0.18	12.85
Other Inorganic Materials	18.74	0.18	94.00
Cellulosics	12.16	0.18	27.42
Rubber	5.61	0.18	12.44
Plastics	30.40	4.05	68.40
Solidified, Inorganic Matrix	0.18	0.18	0.18
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.18	0.18	0.18
Soils	0.56	0.18	9.41
Packaging Material, Steel	3.48		
Packaging Material, Plastic	2.04		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	Yes
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.18E-02
Co-60	7.18E-08
Cs-137	6.78E-05
Pu-238	2.88E-01
Pu-239	3.57E-02
Pu-240	4.69E-03
Pu-241	8.45E-02
Pu-242	4.62E-07
U-234	6.58E-05
U-235	1.63E-06
U-238	6.94E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-00-07

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	14.1	0.0	0.0	0.0	0.0	14.1
Other (large)	3.7	0.0	0.0	0.0	0.0	3.7

As-Generated	Stored	17.8	Projected	0.0	Total	17.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0
55 Gallon Drum	14.1	0.0	0.0	0.0	0.0	14.1
Other (large)	3.7	0.0	0.0	0.0	0.0	3.7

Final Form	Stored	17.8	Projected	0.0	Total	17.8

TWBIR ID: LA-TA-00-07

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Containers waiting assignment to waste streams
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	Former WS IDs: LAM004, LAM005, LAT004, LAT005, LAT009, also contains containers not previously associated with an identified BIR WS
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-03-29

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Plutonium contaminated soil (non-mixed)			**Inventory Date**	9/30/2002
Local ID	TA-03-29	**Waste Type**	TRU	**Generator Site**	LA	**Final Waste Form**	Soils	**Waste Matrix Code**	S4100

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	1.15	1.15	1.15
Aluminum-Base Metal/Alloys	0.45	0.45	0.45
Other Metal/Alloys	0.50	0.50	0.50
Other Inorganic Materials	0.18	0.18	1.15
Cellulosics	2.43	2.43	2.43
Rubber	1.27	1.27	1.27
Plastics	3.56	3.56	3.56
Solidified, Inorganic Matrix	14.47	14.47	14.47
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	76.26	76.26	76.26
Soils	10.55	10.55	10.55
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	6.87E-01
Pu-238	2.73E+04
Pu-239	1.12E+01
Pu-240	2.57E+00
Pu-241	3.86E+01
Pu-242	1.05E-03

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-03-29

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

As-Generated	Stored	0.4	Projected	0.0	Total	0.4

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	0.4	Projected	0.0	Total	0.4

TWBIR ID: LA-TA-03-29

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Soils contaminated with transuranic material.
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	Former WS IDs: LAT008
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LA-TA-55-52

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	Oil on vermiculite, corrosive waste not for disposal at WIPP (mixed).			**Inventory Date**	9/30/2002
Local ID	TA-55-52	**Waste Type**	MTRU	**Generator Site**	LA	**Final Waste Form**	Solidified Organics	**Waste Matrix Code**	S3200

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.18	0.18	0.18
Aluminum-Base Metal/Alloys	0.18	0.18	0.18
Other Metal/Alloys	0.18	0.18	0.18
Other Inorganic Materials	0.18	0.18	0.18
Cellulosics	0.18	0.18	0.18
Rubber	0.18	0.18	0.18
Plastics	0.18	0.18	0.18
Solidified, Inorganic Matrix	165.82	165.82	165.82
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	828.39	828.39	828.39
Soils	110.61	110.61	110.61
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Unknown
Residues:	No
Asbestos:	No
PCBs:	No
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : LA-TA-55-52

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.6	0.0	0.0	0.0	0.0	0.6

As-Generated	Stored	Projected	Total
	0.6	0.0	0.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	Projected	Total
	0.6	0.0	0.6

TWBIR ID: LA-TA-55-52

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Oil on vermiculite, corrosive waste not for disposal at WIPP (mixed).
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	assumed mixed but codes unknown
Management Comments	Containes containers not previously associated with an identified BIR WS
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: LB-T001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	LB-T001	**Handling**	CH	**Stream Name**	LBL - Waste			**Inventory Date**	5/31/1995
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	390.00	40.00	800.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	425.00	50.00	850.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	150.00	60.00	200.00
Rubber	0.00	0.00	0.00
Plastics	450.00	150.00	600.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	150.00	50.00	250.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

UNK

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	9.32E-02
Am-243	3.85E-02
Cf-249	3.16E-03
Cf-250	4.81E-05
Cm-244	1.19E-01
Es-253	4.81E-04
Es-254	5.29E-03
Pu-238	2.54E-04
Pu-240	5.05E-03
Pu-242	1.01E-02
Ra-226	3.38E-02
U-233	4.81E-03

Waste Volume Detail (Cubic meters) for TWBIR ID : LB-T001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55-gallon	0.6	0.2	0.4	0.2	0.0	1.7

As-Generated	Stored	0.6	Projected	1.0	Total	1.7

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.6	0.0	0.0	0.0	0.0	1.7

Final Form	Stored	0.6	Projected	1.0	Total	1.7

TWBIR ID: LB-T001

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Transuranic wastes with isotopes only
Waste Stream Source Description	The LBL is operated by UC for DOE and performs multi-disciplinary research in the energy sciences, life sciences, and general sciences. During the research a small amount of TRU waste is generated.
Current Container Comments	N/A
EPA Comments	Data of regulated contaminant characteristics is solely provided by generators. No laboratory chemical analysis has been performed to verify these data.
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: PA-B015

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	PA-B015	**Handling**	CH	**Stream Name**	Transuranic and Technetium Wastes - Liquid			**Inventory Date**	9/30/2002
Local ID	PA-B015	**Waste Type**	MTRU	**Generator Site**	PA	**Final Waste Form**	N/A	**Waste Matrix Code**	L1190

EPA Codes

As-Generated
D002, D007

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	59.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	212.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Other/Multiple Sources

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Np-237	4.56E-02
Pu-239	1.66E-01
Tc-99	3.79E+00

Waste Volume Detail (Cubic meters) for TWBIR ID : PA-B015

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum/55-gallon in overpack	2.4	0.0	0.0	0.0	0.0	2.4

As-Generated	Stored	Projected	Total
	2.4	0.0	2.4

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
SWB used to overpack 55 gall	2.5	0.0	0.0	0.0	0.0	2.5

Final Form	Stored	Projected	Total
	2.5	0.0	2.5

TWBIR ID: PA-B015

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Transuranic and Technitium waste class C Liquid
Waste Stream Source Description	C-400
Current Container Comments	tbrown Assumed internal volume of Drum/55-gallon in overpack is 0.30 m3.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	Original data showed 3 SWBs. Int. volume and # stored changed to more accurately reflect the waste volume of 2.4 m3 as follows: 2.4 m3 / .208 m3 / drum = 11.538 drums, rounded to 12 drums. Tb 3/29/03.

TWBIR ID: PA-W014

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	PA-W014	**Handling**	CH	**Stream Name**	Transuranic Waste Liquid			**Inventory Date**	9/30/2002
Local ID	PA-W014	**Waste Type**	MTRU	**Generator Site**	PA	**Final Waste Form**	N/A	**Waste Matrix Code**	L1220

EPA Codes

As-Generated
D002

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Other/Multiple Sources

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : PA-W014

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum/55-gallon in overpack	0.3	0.0	0.0	0.0	0.0	0.3

As-Generated	Stored	Projected	Total
	0.3	0.0	0.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
SWB used to overpack 55 gall	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	Projected	Total
	0.4	0.0	0.4

TWBIR ID: PA-W014

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Transuranic Waste Basic class C Green Sludge
Waste Stream Source Description	C -400
Current Container Comments	tbrown Assumed internal volume of Drum/55-gallon in overpack is 0.30 m3.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	Original data showed 1 SWB. Int. volume and # stored changed to more accurately reflect the waste volume of .3 m3 as follows: .3 m3 / .208 m3 / drum = 1.442 drums, rounded to 2 drums. Tb 3/29/03.

TWBIR ID: RF-MT0375A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W026	**Handling**	CH	**Stream Name**	Used Absorbents/TRM			**Inventory Date**	9/30/2002
Local ID	IDC 375	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	Solidified Organics	**Waste Matrix Code**	S3113

EPA Codes

As-Generated
F001, F002, TBD

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

122

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0375A

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-MT0375A

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste form is vermiculte with absorbed organic liquid.
Waste Stream Source Description	This waste stream was previously named "Spent Absorbent/TRU (Oil Dri)". This waste stream was not specifically identified in the Storage or Inventory Report prepared by RFP in fulfillment of FFCA requirements. This waste is the TRU fraction of the waste titled "Oil Dri/LLW Mixed" in the Inventory Report. Normally it is LLW, but occasionally some assays as TRU. This waste stream is IDC No. 375 Absorbents, usually vermiculite materials, which are used in the plutonium and uranium process areas for cleanup of hazardous liquid spills (spent solvents), oil absorption, or absorption of any liquids as needed. One of the most commonly used absorbents is Oil Dri(R). Spent absorbents are assumed to be radiologically contaminated. The waste is packaged in 55-gallon drums lined with two polyethylene bags. IDC 375 - Any type of absorbent vermiculite material. Mixed waste. Oil Dri is an absorbent vermiculite material.
Current Container Comments	N/A
EPA Comments	No sample analysis of this material has been performed. Characterization is based on process knowledge. Subpopulation 18C This single drum, D72372, is in Subpopulation 18C. Based on process knowledge information on this drum and the use of carbon tetrachloride and Freon TF in Building 707, Module C, shown in WSRIC, this drum's contents are considered to be RCRA hazardous. It is further assumed that the contents exhibit the characteristic of toxicity for carbon tetrachloride; therefore, EPA Code D019 is assigned. EPA codes have also been assigned for the F-listed solvents. The CCC for this drum is 1020. No analytical data are available for this subpopulation.
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	RFP has assumed this waste to be LDR based on process knowledge characterization and one sample analyzed for volatiles in 1988. 1. Basis for determining LDR storage prohibition status is based primarily on process knowledge. WASTE_PACK: This waste is packaged in a 55 gallon carbon steel drum.
Final Form Comments	N/A

TWBIR ID: RF-MT0375B

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W026	**Handling**	CH	**Stream Name**	Used Absorbents/TRM			**Inventory Date**	9/30/2002
Local ID	IDC 375	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	Solidified Organics	**Waste Matrix Code**	S3114

EPA Codes

As-Generated
F001, F002, TBD

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

122

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0375B

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-MT0375B

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste form is vermiculte with absorbed organic liquid.
Waste Stream Source Description	This waste stream was previously named "Spent Absorbent/TRU (Oil Dri)". This waste stream was not specifically identified in the Storage or Inventory Report prepared by RFP in fulfillment of FFCA requirements. This waste is the TRU fraction of the waste titled "Oil Dri/LLW Mixed" in the Inventory Report. Normally it is LLW, but occasionally some assays as TRU. This waste stream is IDC No. 375 Absorbents, usually vermiculite materials, which are used in the plutonium and uranium process areas for cleanup of hazardous liquid spills (spent solvents), oil absorption, or absorption of any liquids as needed. One of the most commonly used absorbents is Oil Dri(R). Spent absorbents are assumed to be radiologically contaminated. The waste is packaged in 55-gallon drums lined with two polyethylene bags. IDC 375 - Any type of absorbent vermiculite material. Mixed waste. Oil Dri is an absorbent vermiculite material.
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	No sample analysis of this material has been performed. Characterization is based on process knowledge. Subpopulation 18C This single drum, D72372, is in Subpopulation 18C. Based on process knowledge information on this drum and the use of carbon tetrachloride and Freon TF in Building 707, Module C, shown in WSRIC, this drum's contents are considered to be RCRA hazardous. It is further assumed that the contents exhibit the characteristic of toxicity for carbon tetrachloride; therefore, EPA Code D019 is assigned. EPA codes have also been assigned for the F-listed solvents. The CCC for this drum is 1020. No analytical data are available for this subpopulation.
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	RFP has assumed this waste to be LDR based on process knowledge characterization and one sample analyzed for volatiles in 1988. 1. Basis for determining LDR storage prohibition status is based primarily on process knowledge. WASTE_PACK: This waste is packaged in a 55 gallon carbon steel drum.
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-MT0503

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-MT0503	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	N/A	**Waste Matrix Code**	TBD

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0503

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Bottle / 2-Liter	0.0	0.0	0.0	0.0	0.0	0.0
Drum / 55 gallon	1.5	0.0	0.0	0.0	0.0	1.5

As-Generated	Stored	1.5	Projected	0.0	Total	1.5

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.7	0.0	0.0	0.0	0.0	1.7

Final Form	Stored	1.7	Projected	0.0	Total	1.7

TWBIR ID: RF-MT0503

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	All waste with D001, D002, and D003 codes will be processed or repackaged prior to shipment to WIPP per Geoff Asmus.
Management Comments	Waste Stream currently exists in the TWBIR as a mixed waste or residue, (i.e., RF-MRXXXX, or RF-MTXXXX), but has been recharacterized as non-mixed waste.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RF-MT0505

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-MT0505	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	N/A	**Waste Matrix Code**	TBD

EPA Codes

As-Generated
F001, F002, F005, F006, F007, F009

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0505

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RF-MT0505

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RF-MT0529

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-MT0529	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	N/A	**Waste Matrix Code**	TBD

EPA Codes

As-Generated
D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D022, D027, D028, D029, D034, D039, D040, D043, F001, F002, F003, F005, F006, F007, F009

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0529

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RF-MT0529

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	All waste with D001, D002, and D003 codes will be processed or repackaged prior to shipment to WIPP per Geoff Asmus.
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RF-MT0533

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-MT0533	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	N/A	**Waste Matrix Code**	TBD

EPA Codes

As-Generated
D007, D010, D022, D028, D029, D043, F001, F002, F005

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0533

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
8804 Can	0.1	0.0	0.0	0.0	0.0	0.1

As-Generated	Stored	Projected	Total
	0.1	0.0	0.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	3.1	0.0	0.0	0.0	0.0	3.1

Final Form	Stored	Projected	Total
	3.1	0.0	3.1

TWBIR ID: RF-MT0533

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RF-MT0535

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-MT0535	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	N/A	**Waste Matrix Code**	TBD

EPA Codes

As-Generated
D004, D005, D006, D007, D008, D009, D010, D011, F001, F002, F003, F005

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0535

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
8804 Can	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon POCs	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	Projected	Total
	0.6	0.0	0.6

TWBIR ID: RF-MT0535

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	All waste with D001, D002, and D003 codes will be processed or repackaged prior to shipment to WIPP per Geoff Asmus.
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RF-MT0828

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W013	**Handling**	CH	**Stream Name**	Solidified Organics/TRM			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3190

EPA Codes

As-Generated
D004, D005, D009, D010, F001, F002, F005, F006, F007, F009, P030, P098, P099, P106, U003, U103, U108

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N
PCBs:	N
Source:	Decontamination and Decommissioning

TRUCON Codes

127

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0828

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-MT0828

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Polymerized aqueous - drum consists of 55-gallon drum quantities of aqueous liquids solidified with polymer such as Nochar A-660.
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	EPA hazardous waste numbers are assigned to this waste stream based on process knowledge.
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-MT0829

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W013	**Handling**	CH	**Stream Name**	Solidified Organics/TRM			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RF	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3190

EPA Codes

As-Generated
D004, D005, D009, D010, F001, F002, F005, F006, F007, F009

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N
PCBs:	N
Source:	Decontamination and Decommissioning

TRUCON Codes

127

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-MT0829

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-MT0829

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Polymerized aqueous - small cans consists of small quantities of aqueous liquids solidified with polymer such as Nochar A-660.
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	EPA hazardous waste numbers are assigned to this waste stream based on process knowledge.
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-TT0394

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W116	**Handling**	CH	**Stream Name**	"Sand, Slag, and Crucible/TRU"			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RF	**Final Waste Form**	Inorganic Non-Metal	**Waste Matrix Code**	S5129

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	26.82	5.73	57.28
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	25.48	4.30	45.83
Cellulosics	167.07	167.07	167.07
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N
PCBs:	N
Source:	Materials Production

TRUCON Codes

122

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-TT0394

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-TT0394

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	"Magnesium oxide sand used as an insulating material in the annulus between the magnesium oxide crucible and the reaction vessel wall. Following the reduction of plutonium tetrafluoride to plutonium metal, the sand was screened from the slag and crucible material."
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	N/A
Management Comments	Waste Stream currently exists in the TWBIR as a residue, (i.e., RF-TRXXXX), but is being revised to transuranic, (i.e., RF-TTXXXX).
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-TT0533

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-TT0533	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RF	**Final Waste Form**	N/A	**Waste Matrix Code**	TBD

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-TT0533

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
8804 Can	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.8	0.0	0.0	0.0	0.0	0.8

Final Form	Stored	Projected	Total
	0.8	0.0	0.8

TWBIR ID: RF-TT0533

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RF-TT0655

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W114	**Handling**	CH	**Stream Name**	Mg Oxide Crucibles/TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RF	**Final Waste Form**	Inorganic Non-Metal	**Waste Matrix Code**	S5123

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	6.70	1.91	19.09
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	90.70	90.70	90.70
Other Inorganic Materials	113.57	1.91	654.91
Cellulosics	102.83	12.89	167.07
Rubber	0.00	0.00	0.00
Plastics	36.16	7.35	90.69
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

118

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-TT0655

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-TT0655

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-TT0971

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W109	**Handling**	CH	**Stream Name**	Metal/TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RF	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5110

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N
PCBs:	N
Source:	General Building Waste and Decommissioning

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-TT0971

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-TT0971

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Non-PCB ballasts and capacitors.
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	N/A
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-TT0972

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W107	**Handling**	CH	**Stream Name**	Soil and Cleanup Debris/TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RF	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5440

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N
PCBs:	Y
Source:	Decontamination and Decommissioning

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-TT0972

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	Stored	Projected	Total
	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: RF-TT0972

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	"Miscellaneous PCB debris consists of such materials as wood, Kimwipes, plastic, PPE, glass bottles, and solidified liquid."
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	N/A
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RF-TT0973

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RF-W109	**Handling**	CH	**Stream Name**	Metal/TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RF	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5110

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N
PCBs:	Y
Source:	General Building Waste and Decommissioning

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RF-TT0973

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
TBD	0.0	0.0	0.0	0.0	0.0	0.0

As-Generated	**Stored**	0.0	**Projected**	0.0	**Total**	0.0	**Final Form**	**Stored**	0.0	**Projected**	0.0	**Total**	0.0

TWBIR ID: RF-TT0973

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	"This waste stream consists of PCB ballasts and capacitors, leaking and non-leaking."
Waste Stream Source Description	N/A
Current Container Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."
EPA Comments	N/A
Management Comments	New Waste Stream being added to TWBIR
Acceptance Comments	N/A
Final Form Comments	The site has indicated that they have no further waste volume information for this waste stream at this time. Therefore, the waste volumes for the as generated and final form fields are flagged with "TBD."

TWBIR ID: RL-W284

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W284	**Handling**	CH	**Stream Name**	201C Unk form CH RCRA MTRU w/ met			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
D007, D008, D010

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	41.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	3.10	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	17.20	0.00	0.00
Rubber	4.50	0.00	0.00
Plastics	30.20	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.47E+00
Pu-239	1.00E-02
Pu-240	0.00E+00
Pu-241	8.00E-02

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W284

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

As-Generated	Stored	Projected	Total
	0.4	0.0	0.4

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	Projected	Total
	0.4	0.0	0.4

TWBIR ID: RL-W284

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THE STREAM CONTAINS PLASTIC/POLYURETHANE, STAINLESS STEEL, PAPER/CARDBOARD, RUBBER, LEAD, CLOTH/RAGS/NYLON.
Waste Stream Source Description	This stream is unknown waste form contact handled RCRA regulated mixed TRU waste with metal contaminants from the Demolition of the Semi-works facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W327

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W327	**Handling**	CH	**Stream Name**	2345Z Uncat met debris CH RC/TS MTRU w/ met(Hg)			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5400

EPA Codes

As-Generated
D006, D008, D009

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	198.10	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	21.70	0.00	0.00
Other Inorganic Materials	16.70	0.00	0.00
Cellulosics	3.30	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	15.90	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	154.00		
Packaging Material, Plastic	1.20		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	Yes
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.00E-02
Pu-239	1.86E+00
Pu-240	4.20E-01
Pu-241	1.25E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W327

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Box	66.6	93.2	66.6	53.3	0.0	452.9

As-Generated	Stored	Projected	Total
	66.6	386.3	452.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	66.2	0.0	0.0	0.0	0.0	175.8

Final Form	Stored	Projected	Total
	66.2	109.6	175.8

TWBIR ID: RL-W327

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THE STREAM CONTAINS METAL/IRON/GALVANIZED/SHEET, PLASTIC/POLYURETHANE, WOOD/LUMBER/PLYWOOD, LEAD, CONCRETE, GLASS, CLOTH/RAGS/NYLON, OILS, PAPER/CARDBOARD.
Waste Stream Source Description	This stream is uncategorized metal contact handled RCRA/TSCA (PCB) reg. mixed TRU waste with metal (Hg) contaminants from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W328

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W328	**Handling**	CH	**Stream Name**	2345Z Pb/Cd debris CH RC/TS MTRU w/ met(Hg)			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	Lead/Cadmium Metal	**Waste Matrix Code**	S5300

EPA Codes

As-Generated
D006, D008, D009

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	58.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	228.20	0.00	0.00
Other Inorganic Materials	2.80	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	38.90	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	154.00		
Packaging Material, Plastic	1.20		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	Yes
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.00E-02
Pu-239	1.86E+00
Pu-240	4.20E-01
Pu-241	1.25E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W328

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Box	3.2	0.0	0.0	0.0	0.0	3.2

As-Generated	Stored	Projected	Total
	3.2	0.0	3.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	3.8	0.0	0.0	0.0	0.0	3.8

Final Form	Stored	Projected	Total
	3.8	0.0	3.8

TWBIR ID: RL-W328

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THE STREAM CONTAINS PLASTIC/POLYURETHANE, LEAD, METAL/IRON/GALVANIZED/SHEET, GLASS.
Waste Stream Source Description	This stream is lead cadmium metal contact handled RCRA/TSCA (PCB) reg. mixed TRU waste with metal (Hg) contaminants from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W329

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W329	**Handling**	CH	**Stream Name**	2345Z Solidif org CH RC/TS MTRU w/ ign			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	Solidified Organics	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
D001

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.20	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	84.20	0.00	0.00
Rubber	4.70	0.00	0.00
Plastics	71.30	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	Yes
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.00E-02
Pu-239	1.86E+00
Pu-240	4.20E-01
Pu-241	1.25E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W329

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	2.1	1.7	2.1	1.7	0.0	10.5

As-Generated	Stored	Projected	Total
	2.1	8.4	10.5

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	2.1	0.0	0.0	0.0	0.0	10.4

Final Form	Stored	Projected	Total
	2.1	8.3	10.4

TWBIR ID: RL-W329

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THE STREAM CONTAINS PLASTIC/POLYURETHANE, ORGANICS, CLOTH/RAGS/NYLON, RUBBER, METAL/IRON/GALVANIZED/SHEET.
Waste Stream Source Description	This stream is solidified organics contact handled RCRA/TSCA (PCB) reg. mixed TRU waste with ignitable contaminants from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W332

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W332	**Handling**	CH	**Stream Name**	2345Z Unk form CH St MTRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	154.00		
Packaging Material, Plastic	1.20		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.00E-02
Pu-239	1.86E+00
Pu-240	4.20E-01
Pu-241	1.25E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W332

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Box	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	1.9	0.0	0.0	0.0	0.0	1.9

Final Form	Stored	1.9	Projected	0.0	Total	1.9

TWBIR ID: RL-W332

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Typically, 70 to 80% of the waste in the drums is combustible items such as wood, plastics, paper, absorbents, rubber and rags. Approximately 20 to 30% of the waste in drums is noncombustible waste , such as failed machinery, tools, glass, concrete, plumbing fixtures and soil. Boxes typically contain whole and sectioned glove boxes, hoods, conduit, lathes, pumps, fans, light fixtures, tools conveyor sections, wire, etc. The combustible materials in boxes may include cotton rags and clothing, plastic sheeting, plastic pipe, tape, ladders, plexiglass, step benches, polyethylene bottles, gloves and rubber. Absorbed combustible liquids such as oil have also been placed in some drums and boxes. Drums and boxes are also used for disposal of high-efficiency particulate air filters. Several boxes contain only high-efficiency particulate air filters, while others contain these filters and other waste forms.
Waste Stream Source Description	This stream is unknown waste form contact handled State regulated mixed TRU waste from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W333

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W333	**Handling**	CH	**Stream Name**	2345Z Solidif org debris CH TSCA MTRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	Solidified Organics	**Waste Matrix Code**	S5400

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	56.30	0.00	0.00
Cellulosics	4.80	0.00	0.00
Rubber	1.30	0.00	0.00
Plastics	61.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	29.80	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	Yes
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.00E-02
Pu-239	1.86E+00
Pu-240	4.20E-01
Pu-241	1.25E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W333

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.3	0.6	0.0	0.0	0.0	3.8

As-Generated	Stored	1.3	Projected	2.5	Total	3.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.2	0.0	0.0	0.0	0.0	3.7

Final Form	Stored	1.2	Projected	2.5	Total	3.7

TWBIR ID: RL-W333

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THE STREAM CONTAINS ABSORBENT/KITY LTR/VERMICULITE, PLASTIC/POLYURETHANE, CONWEB PADS, OILS, CLOTH/RAGS/NYLON, DIRT/SOIL/DIATOMACEOUS EARTH, RUBBER, PCB.
Waste Stream Source Description	This stream is solidified organics contact handled TSCA (PCB) regulated mixed TRU waste from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W334

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W334	**Handling**	CH	**Stream Name**	2345Z Uncat mt debris CH TSCA MTRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5400

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	261.90	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	76.20	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	Yes
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.00E-02
Pu-239	1.86E+00
Pu-240	4.20E-01
Pu-241	1.25E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W334

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W334

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THE STREAM CONTAINS METAL/IRON/GALVANIZED/SHEET, PLASTIC/POLYURETHANE, CONWEB PADS, DIRT/SOIL/DIATOMACEOUS EARTH.
Waste Stream Source Description	This stream is uncategorized metal contact handled TSCA (PCB) regulated mixed TRU waste from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	The assumption is that the WIPP No Migration Petition will be approved by EPA and the State of New Mexico. Under the assumption, treatment of the waste stream to meet LDR is not required nor planned.
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W357

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W357	**Handling**	CH	**Stream Name**	KAPL Unk form CH/r TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RL	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	0.00E+00
Pu-239	0.00E+00
Pu-240	0.00E+00
Pu-241	0.00E+00

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W357

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W357

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THIS STREAM CONTAINS CHEMICALS.
Waste Stream Source Description	This stream is unknown waste form contact handled packaged remote non-mixed TRU waste from the Knolls Atomic Power Laboratory.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W366

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W366	**Handling**	CH	**Stream Name**	202A Unk form CH TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RL	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.00E-02
Pu-239	5.70E+00
Pu-240	1.32E+00
Pu-241	4.05E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W366

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.5	0.0	0.0	0.0	0.0	2.3

As-Generated	Stored	1.5	Projected	0.8	Total	2.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.5	0.0	0.0	0.0	0.0	2.3

Final Form	Stored	1.5	Projected	0.8	Total	2.3

TWBIR ID: RL-W366

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THIS STREAM CONTAINS MISCELLANEOUS/UNKNOWN/OTHER.
Waste Stream Source Description	This stream is unknown waste form contact handled non-mixed TRU waste from the Fuel Reprocessing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W382

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W382	**Handling**	CH	**Stream Name**	2345Z Unk form CH TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RL	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	9.00E-02
Pu-239	3.37E+00
Pu-240	7.60E-01
Pu-241	2.11E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W382

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	18.7	12.9	14.6	11.7	0.0	80.2

As-Generated	Stored	18.7	Projected	61.4	Total	80.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	18.7	0.0	0.0	0.0	0.0	80.1

Final Form	Stored	18.7	Projected	61.4	Total	80.1

TWBIR ID: RL-W382

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THIS STREAM CONTAINS MISCELLANEOUS/UNKNOWN/OTHER.
Waste Stream Source Description	This stream is unknown waste form contact handled non-mixed TRU waste from the Plutonium Recovery and Processing Facility.
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W391

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W391	**Handling**	CH	**Stream Name**	308 Comb unk form CH TRU			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	RL	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	76.40	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	120.10	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	No
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.50E-01
Pu-239	3.56E+00
Pu-240	9.00E-01
Pu-241	2.20E+01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W391

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

As-Generated	Stored	0.4	Projected	0.0	Total	0.4

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	0.4	Projected	0.0	Total	0.4

TWBIR ID: RL-W391

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	THIS STREAM CONTAINS ORGANICS, METAL/IRON/GALVANIZED/SHEET.
Waste Stream Source Description	This stream is combustible contact handled non-mixed TRU waste from the Fuels Development Laboratory
Current Container Comments	N/A
EPA Comments	Data are compiled from waste manifest data on each container of TRU waste.
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-W471

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W471	**Handling**	CH	**Stream Name**	202A MTRU CH unknown forms S9000 Mixed RCRA w/ org,met,Hg			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.03	0.02	0.05
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	167.21	88.89	335.30
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.44	0.44	2.64
Solidified, Inorganic Matrix	72.05	72.00	72.06
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.01	0.00	0.01
Soils	255.76	179.27	368.25
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.02E+00
Pu-238	3.00E-03
Pu-239	3.60E-02
Pu-240	8.23E-03
Pu-241	1.04E-01
Pu-242	5.04E-07

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W471

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.9	0.0	0.0	0.0	0.0	1.9

As-Generated	Stored	Projected	Total
	1.9	0.0	1.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.9	0.0	0.0	0.0	0.0	1.9

Final Form	Stored	Projected	Total
	1.9	0.0	1.9

TWBIR ID: RL-W471

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W472

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W472	**Handling**	CH	**Stream Name**	202A MTRU CH unknown forms S9000 Mixed RCRA w/ met			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	192.00	192.00	192.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.23E-01
Pu-238	3.72E-02
Pu-239	1.41E+00
Pu-240	3.15E-01
Pu-241	4.44E+00
Pu-242	1.90E-05

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W472

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W472

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W473

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W473	**Handling**	RH	**Stream Name**	202A TRU RH solidified inorganic S3119 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3119

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.01	0.01	0.03
Cellulosics	1.25	0.34	2.39
Rubber	0.00	0.00	0.00
Plastics	2.93	1.35	4.31
Solidified, Inorganic Matrix	9.29	8.43	10.15
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.65E+02
Pu-238	8.43E+01
Pu-239	9.13E-01
Pu-240	1.74E+00
Pu-241	5.32E+04
Pu-242	1.30E-05

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W473

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

As-Generated	Stored	Projected	Total
	0.9	0.0	0.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

Final Form	Stored	Projected	Total
	0.9	0.0	0.9

TWBIR ID: RL-W473

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W475

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W475	**Handling**	RH	**Stream Name**	202A TRU CH combustible S5319 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Combustible	**Waste Matrix Code**	S5319

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	2.92	0.04	17.98
Other Inorganic Materials	0.34	0.04	2.11
Cellulosics	4.41	0.09	20.55
Rubber	28.46	1.80	105.20
Plastics	27.65	1.75	107.83
Solidified, Inorganic Matrix	13.85	8.99	39.83
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.98E+02
Pu-238	1.29E+02
Pu-239	1.23E+00
Pu-240	2.12E+00
Pu-241	5.99E+04
Pu-242	1.48E-05

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W475

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	6.2	0.0	0.0	0.0	0.0	6.2

As-Generated	Stored	Projected	Total
	6.2	0.0	6.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	6.2	0.0	0.0	0.0	0.0	6.2

Final Form	Stored	Projected	Total
	6.2	0.0	6.2

TWBIR ID: RL-W475

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W477

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W477	**Handling**	RH	**Stream Name**	202A TRU RH heterogeneous S5420 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5420

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	102.17	45.40	185.12
Other Inorganic Materials	2.81	2.81	22.33
Cellulosics	5.21	0.54	12.57
Rubber	4.92	0.27	15.31
Plastics	28.17	1.96	45.58
Solidified, Inorganic Matrix	26.66	13.51	75.65
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	5.65E+02
Pu-238	1.12E+02
Pu-239	1.33E+00
Pu-240	2.35E+00
Pu-241	6.78E+04
Pu-242	1.70E-05

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W477

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	1.8	0.0	0.0	0.0	0.0	1.8

As-Generated	Stored	1.8	Projected	0.0	Total	1.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	1.8	0.0	0.0	0.0	0.0	1.8

Final Form	Stored	1.8	Projected	0.0	Total	1.8

TWBIR ID: RL-W477

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W478

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W478	**Handling**	RH	**Stream Name**	202A TRU RH heterogeneous S5440 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5440

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	1.39	1.39	72.79
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	84.33	0.34	391.02
Other Inorganic Materials	8.26	0.10	61.14
Cellulosics	16.20	0.19	115.25
Rubber	12.36	0.10	73.80
Plastics	44.62	2.43	201.75
Solidified, Inorganic Matrix	22.11	9.76	117.61
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.40E+02
Pu-238	4.84E+01
Pu-239	5.94E-01
Pu-240	8.93E-01
Pu-241	2.29E+04
Pu-242	5.61E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W478

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	23.1	0.0	0.0	0.0	0.0	23.1

As-Generated	Stored	23.1	Projected	0.0	Total	23.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	23.1	0.0	0.0	0.0	0.0	23.1

Final Form	Stored	23.1	Projected	0.0	Total	23.1

TWBIR ID: RL-W478

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W479

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W479	**Handling**	RH	**Stream Name**	202A TRU RH heterogeneous S5900 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5900

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	35.35	35.35	101.16
Other Inorganic Materials	7.73	1.26	25.36
Cellulosics	3.63	0.09	11.03
Rubber	3.08	1.80	8.56
Plastics	17.10	2.84	44.73
Solidified, Inorganic Matrix	26.37	11.04	66.98
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.53E+02
Pu-238	5.97E+01
Pu-239	9.19E-01
Pu-240	1.36E+00
Pu-241	3.69E+04
Pu-242	8.43E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W479

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

As-Generated	Stored	Projected	Total
	0.9	0.0	0.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

Final Form	Stored	Projected	Total
	0.9	0.0	0.9

TWBIR ID: RL-W479

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PUREX CANYON AND SERVICE FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W556

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W556	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ org,met,Hg			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	2.90	2.76	3.04
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	1.10	1.10	1.10
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	5.43	5.14	5.71
Solidified, Inorganic Matrix	10.37	9.87	10.86
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	6.36E+00
Pu-238	1.22E+00
Pu-239	3.82E+01
Pu-240	8.47E+00
Pu-241	8.93E+01
Pu-242	6.49E-04

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W556

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

As-Generated	Stored	0.4	Projected	0.0	Total	0.4

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.4	0.0	0.0	0.0	0.0	0.4

Final Form	Stored	0.4	Projected	0.0	Total	0.4

TWBIR ID: RL-W556

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W557

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W557	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ org,ign			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	9.52	9.52	9.52
Rubber	0.00	0.00	0.00
Plastics	61.90	61.90	61.90
Solidified, Inorganic Matrix	47.62	47.62	47.62
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	36.67	36.67	36.67
Soils	110.95	110.95	110.95
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.18E-04
Pu-238	1.35E-04
Pu-239	5.07E-03
Pu-240	1.14E-03
Pu-241	1.68E-02
Pu-242	6.84E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W557

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W557

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W558

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W558	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ org			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	6.00	6.00	6.00
Other Inorganic Materials	2.52	2.52	2.52
Cellulosics	0.00	0.00	0.00
Rubber	11.10	11.10	11.10
Plastics	51.71	51.71	51.71
Solidified, Inorganic Matrix	92.62	92.62	92.62
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	16.05	16.05	16.05
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.86E-01
Ba-137m	4.70E-03
Cs-137	5.11E-03
Pu-238	1.55E-01
Pu-239	1.94E+00
Pu-240	4.32E-01
Pu-241	1.05E+01
Pu-242	2.62E-05
Sr-90	4.68E-03
Tc-99	1.04E-06
Y-90	4.68E-03

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W558

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W558

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W559

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W559	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ met,ign			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	3.86	3.86	3.86
Rubber	0.00	0.00	0.00
Plastics	153.57	153.57	153.57
Solidified, Inorganic Matrix	114.00	114.00	114.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	100.00	100.00	100.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.89E-03
Pu-238	1.60E-03
Pu-239	5.85E-02
Pu-240	1.31E-02
Pu-241	2.23E-01
Pu-242	7.89E-07

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W559

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W559

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W560

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W560	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ met			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	78.52	4.64	940.38
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	2.72	0.05	14.59
Other Inorganic Materials	26.66	26.66	191.91
Cellulosics	1.37	0.05	19.04
Rubber	23.46	11.99	118.99
Plastics	15.99	3.76	95.20
Solidified, Inorganic Matrix	16.37	10.04	170.96
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	15.86	15.12	83.53
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	7.35E+00
Pu-238	8.30E-01
Pu-239	2.17E+01
Pu-240	5.69E+00
Pu-241	4.89E+01
Pu-242	5.06E-04

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W560

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	4.0	0.0	0.0	0.0	0.0	4.0

As-Generated	Stored	4.0	Projected	0.0	Total	4.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	4.0	0.0	0.0	0.0	0.0	4.0

Final Form	Stored	4.0	Projected	0.0	Total	4.0

TWBIR ID: RL-W560

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W561

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W561	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ met,Hg,cor			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.33	0.33	0.33
Other Inorganic Materials	0.38	0.38	0.38
Cellulosics	14.71	14.71	14.71
Rubber	33.52	33.52	33.52
Plastics	25.14	25.14	25.14
Solidified, Inorganic Matrix	166.95	166.95	166.95
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	44.67	44.67	44.67
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.16E-03
Pu-238	4.37E-04
Pu-239	1.61E-02
Pu-240	3.61E-03
Pu-241	5.87E-02
Pu-242	2.18E-07

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W561

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W561

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W562

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W562	**Handling**	CH	**Stream Name**	2345Z MTRU CH unknown forms S9000 Mixed RCRA w/ met,Hg			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	102.63	102.63	206.45
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	4.99	0.10	11.78
Other Inorganic Materials	3.24	0.24	14.23
Cellulosics	19.89	0.05	64.94
Rubber	100.57	43.82	147.58
Plastics	30.37	9.63	50.24
Solidified, Inorganic Matrix	53.51	0.09	194.54
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	51.86	26.77	74.29
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.68E-02
Pu-238	1.38E-02
Pu-239	5.09E-01
Pu-240	1.14E-01
Pu-241	1.85E+00
Pu-242	6.86E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W562

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.0	0.0	0.0	0.0	0.0	1.0

As-Generated	Stored	Projected	Total
	1.0	0.0	1.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.0	0.0	0.0	0.0	0.0	1.0

Final Form	Stored	Projected	Total
	1.0	0.0	1.0

TWBIR ID: RL-W562

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W577

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W577	**Handling**	RH	**Stream Name**	2345Z TRU RH unknown forms S9000 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	10.11	8.25	24.74
Other Inorganic Materials	24.84	8.25	164.82
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	24.72	24.72	28.86
Solidified, Inorganic Matrix	20.22	20.22	24.74
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	77.15	41.23	148.43
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.01E+02
Pu-238	4.70E+01
Pu-239	9.47E-01
Pu-240	3.88E+00
Pu-241	2.77E+04
Pu-242	3.65E-05

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W577

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	2.7	0.0	0.0	0.0	0.0	2.7

As-Generated	Stored	Projected	Total
	2.7	0.0	2.7

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	2.7	0.0	0.0	0.0	0.0	2.7

Final Form	Stored	Projected	Total
	2.7	0.0	2.7

TWBIR ID: RL-W577

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W578

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W578	**Handling**	RH	**Stream Name**	2345Z TRU RH unknown forms U9999 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	868.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	928.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.10E+01
Pu-238	2.67E+00
Pu-239	1.28E-01
Pu-240	1.04E-01
Pu-241	7.26E+02
Pu-242	1.07E-07

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W578

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	5.3	0.0	0.0	0.0	0.0	5.3

As-Generated	Stored	5.3	Projected	0.0	Total	5.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.0	0.0	0.0	0.0	0.0	0.0
RH Canister	5.3	0.0	0.0	0.0	0.0	5.3

Final Form	Stored	5.3	Projected	0.0	Total	5.3

TWBIR ID: RL-W578

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W609

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W609	**Handling**	CH	**Stream Name**	324 MTRU CH unknown forms S9000 Mixed RCRA w/ org,met,Hg			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	985.71	985.71	985.71
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	480.95	480.95	480.95
Other Inorganic Materials	110.62	110.62	110.62
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	9.29	9.29	9.29
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.05E-04
Ba-137m	2.78E-02
Cs-137	2.94E-02
Pu-239	5.78E-04
Sr-90	2.90E-01
Y-90	2.90E-01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W609

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W609

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the CHEMICAL ENGINEERING BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the CHEMICAL ENGINEERING BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W650

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W650	**Handling**	CH	**Stream Name**	325 TRU CH unknown forms S9000 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.63	0.63	0.63
Other Inorganic Materials	208.44	208.44	208.44
Cellulosics	3.35	3.35	3.35
Rubber	11.10	11.10	11.10
Plastics	76.48	76.48	76.48
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.92E-02
Ba-137m	1.08E-01
Cs-137	1.14E-01
Pu-238	7.98E-03
Pu-239	7.47E-03
Pu-240	6.62E-03
Pu-241	7.35E-01
Sr-90	4.89E-01
Y-90	4.89E-01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W650

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W650

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W651

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W651	**Handling**	CH	**Stream Name**	325 MTRU CH unknown forms S9000 Mixed RCRA w/ org,met			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.02	0.02	0.02
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	42.86	42.86	42.86
Other Inorganic Materials	47.62	47.62	47.62
Cellulosics	0.16	0.16	0.16
Rubber	0.00	0.00	0.00
Plastics	52.38	52.38	52.38
Solidified, Inorganic Matrix	27.23	23.42	32.94
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	3.31E-01
Ba-137m	9.98E-02
Cs-137	1.05E-01
Pu-238	9.40E-02
Pu-239	4.90E-02
Pu-240	3.33E-03
Sr-90	2.03E+00
Y-90	2.03E+00

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W651

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.0	0.0	0.0	0.0	0.0	1.0

As-Generated	Stored	1.0	Projected	0.0	Total	1.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.0	0.0	0.0	0.0	0.0	1.0

Final Form	Stored	1.0	Projected	0.0	Total	1.0

TWBIR ID: RL-W651

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W652

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W652	**Handling**	CH	**Stream Name**	325 MTRU CH unknown forms S9000 Mixed RCRA w/ org			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	374.67	374.67	374.67
Other Inorganic Materials	177.16	177.16	177.16
Cellulosics	0.29	0.29	0.29
Rubber	0.00	0.00	0.00
Plastics	5.11	5.11	5.11
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	154.00		
Packaging Material, Plastic	1.20		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	6.31E-04
Ba-137m	6.68E-01
Cs-137	7.06E-01
Pu-238	1.46E-03
Pu-239	3.77E-03
Pu-240	9.01E-04
Pu-241	1.34E-02
Pu-242	4.47E-08
Sr-90	3.64E+00
Y-90	3.64E+00

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W652

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	3.8	0.0	0.0	0.0	0.0	3.8

As-Generated	Stored	Projected	Total
	3.8	0.0	3.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	3.8	0.0	0.0	0.0	0.0	3.8

Final Form	Stored	Projected	Total
	3.8	0.0	3.8

TWBIR ID: RL-W652

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W667

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W667	**Handling**	RH	**Stream Name**	325 TRU RH unknown forms S9000 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	11.57	11.57	11.57
Other Inorganic Materials	19.49	19.49	19.49
Cellulosics	1.07	1.07	1.07
Rubber	0.00	0.00	0.00
Plastics	1.69	1.69	1.69
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.02E+00
Pu-238	1.10E+00
Pu-239	1.25E-02
Pu-240	1.07E-02
Pu-241	4.06E+01
Pu-242	1.60E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W667

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

As-Generated	Stored	Projected	Total
	0.9	0.0	0.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

Final Form	Stored	Projected	Total
	0.9	0.0	0.9

TWBIR ID: RL-W667

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the RADIOCHEMISTRY BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W684

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W684	**Handling**	RH	**Stream Name**	327 TRU RH heterogeneous S5420 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5420

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	75666.36	1122.28	63416.33
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	727.53	15.14	1923.82
Other Inorganic Materials	214.72	7.57	860.26
Cellulosics	40.11	15.14	272.49
Rubber	38.31	38.31	181.66
Plastics	64.97	18.92	316.39
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	2.92	2.92	30.28
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.07E+03
Ba-137m	4.87E+03
Cs-137	3.61E+03
Pu-238	3.57E+02
Pu-239	2.50E+01
Pu-240	2.43E+01
Pu-241	1.80E+05
Pu-242	2.25E-02
Sr-90	1.41E+03
U-235	2.59E-04
U-238	1.76E-02
Y-90	2.02E+03

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W684

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

As-Generated	Stored	Projected	Total
	0.9	0.0	0.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	0.9	0.0	0.0	0.0	0.0	0.9

Final Form	Stored	Projected	Total
	0.9	0.0	0.9

TWBIR ID: RL-W684

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the POST IRRADIATION TEST LABORATORY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the POST IRRADIATION TEST LABORATORY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	In the interim state, the waste stream consists of 33 containers, 31 of which have an internal container volume of 0.0126 m3. The container with the largest internal volume of 0.25 m3 holds highly enriched uranium oxides. The waste material is irradiated fuel element segments from LANL. It was repackaged at the 327 Building prior to shipment for storage as TRU waste. The U235 content is 50% by weight.
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W722

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-W722	**Handling**	CH	**Stream Name**	MCGEE TRU CH unknown forms S9000 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	S9000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	124.80	124.80	124.80
Other Inorganic Materials	17.20	17.20	17.20
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	15.84	15.84	15.84
Solidified, Inorganic Matrix	142.72	142.72	142.72
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	30.72	30.72	30.72
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.47E-02
Pu-238	4.19E-03
Pu-239	1.60E-01
Pu-240	3.58E-02
Pu-241	4.80E-01
Pu-242	2.16E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W722

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: RL-W722

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the Kerr McGee.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the Kerr McGee.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-W756

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	PFP Residues - Mixed Oxides Wastes in POC's: MTRU CH solidified inorganic S3150 Mixed RC			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	RL	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3150

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	48.02	42.37	57.66
Solidified, Inorganic Matrix	129.80	19.52	327.30
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	9.52	9.52	14.29
Packaging Material, Steel	400.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	N/A
Residues:	Yes
Asbestos:	N/A
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	4.31E+01
Pu-238	1.81E+01
Pu-239	3.54E+01
Pu-240	2.15E+01
Pu-241	8.35E+02
Pu-242	9.59E-03
U-238	1.92E-03

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-W756

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
POC	0.0	176.4	117.6	0.0	0.0	294.0

As-Generated	Stored	Projected	Total
	0.0	294.0	294.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
POC	0.0	0.0	0.0	0.0	0.0	294.0

Final Form	Stored	Projected	Total
	0.0	294.0	294.0

TWBIR ID: RL-W756

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Waste Stream Source Description	The waste is generated from Facility/Equipment Operation and Maintenance Waste activities at the PLUTONIUM FABRICATION FACILITY.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-Z001	**Handling**	U	**Stream Name**	Hanford Buried TRU Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-Z001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Not contained	63629.0	0.0	0.0	0.0	0.0	63629.0

As-Generated	Stored	63629.0	Projected	0.0	Total	63629.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	0.0	Projected	0.0	Total	0.0

TWBIR ID: RL-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: RL-Z002

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-Z002	**Handling**	CH	**Stream Name**	324 TRU CH vitrified forms Z1120 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	Z1120

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	205.47	205.47	205.47
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	419.79	419.79	419.79
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	154.00		
Packaging Material, Plastic	1.20		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-239	1.58E-01

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-Z002

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	1.9	0.0	0.0	0.0	0.0	1.9

As-Generated	Stored	Projected	Total
	1.9	0.0	1.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	1.9	0.0	0.0	0.0	0.0	1.9

Final Form	Stored	Projected	Total
	1.9	0.0	1.9

TWBIR ID: RL-Z002

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the CHEMICAL ENGINEERING BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the CHEMICAL ENGINEERING BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: RL-Z003

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	RL-Z003	**Handling**	RH	**Stream Name**	324 TRU RH vitrified forms Z1120 Non-mixed			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	Z1120

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	556.29	549.16	576.12
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1067.72	909.97	1129.21
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	464.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Non-defense TRU Waste
Residues:	No
Asbestos:	N/A
PCBs:	No
Source:	R&D/R&D Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	8.68E+00
Ba-137m	2.57E+06
Cs-137	1.36E+06
Pu-239	3.09E-02
Pu-240	4.29E-02
Pu-241	7.09E+02
Pu-242	1.25E-06
Sr-90	1.11E+06
Y-90	2.22E+06

Waste Volume Detail (Cubic meters) for TWBIR ID : RL-Z003

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	3.6	0.0	0.0	0.0	0.0	3.6

As-Generated	Stored	3.6	Projected	0.0	Total	3.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
RH Canister	3.6	0.0	0.0	0.0	0.0	3.6

Final Form	Stored	3.6	Projected	0.0	Total	3.6

TWBIR ID: RL-Z003

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	The waste is generated from R&D/R&D Laboratory Waste activities at the CHEMICAL ENGINEERING BUILDING.
Waste Stream Source Description	The waste is generated from R&D/R&D Laboratory Waste activities at the CHEMICAL ENGINEERING BUILDING.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	For convenience projected waste generation has been inserted into streams which have the largest existing volume relative to the generator source

TWBIR ID: SA-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	SA-Z001	**Handling**	CH	**Stream Name**	Sandia National Laboratory/NM Buried TRU Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : SA-Z001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Not contained	1.3	0.0	0.0	0.0	0.0	1.3

As-Generated	Stored	Projected	Total
	1.3	0.0	1.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0

Final Form	Stored	Projected	Total
	0.0	0.0	0.0

TWBIR ID: SA-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	N/A

TWBIR ID: SP-T001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	ZZ	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3120

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Cs-137	
Pu-239	
Sr-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : SP-T001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	0.0	50.0	0.0	0.0	50.1

As-Generated	Stored	0.0	Projected	50.1	Total	50.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	50.1

Final Form	Stored	0.0	Projected	50.1	Total	50.1

TWBIR ID: SP-T001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	Separations Process Research Unit.
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	Final form is unknown at this time. Tbrown assumed 55 gallon drums.

TWBIR ID: SR-T001-WSB-1

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	UNKNOWN			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	SR	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
D008, D009, D011

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	720.00	0.00	720.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	Unknown
PCBs:	Unknown
Source:	Source Unknown

TRUCON Codes

not yet assigned

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	2.99E+02
Pu-238	6.77E-03
Pu-239	4.44E-02
Pu-240	1.69E-02
Pu-241	8.17E+00
U-234	1.32E-03
U-235	4.25E-05
U-236	6.83E-07
U-238	3.84E-07

Waste Volume Detail (Cubic meters) for TWBIR ID : SR-T001-WSB-1

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	0.0	0.0	2835.0	1701.0	0.0	4320.5

As-Generated	Stored	Projected	Total
	0.0	4320.5	4320.5

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Standard Waste Box	0.0	0.0	0.0	0.0	0.0	4320.5

Final Form	Stored	Projected	Total
	0.0	4320.5	4320.5

TWBIR ID: SR-T001-WSB-1

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream is defense related, contact handled TRU and is a neutralized aqueous stream solidified in an inorganic matrix (cement).
Waste Stream Source Description	N/A
Current Container Comments	A total of 150 SWB's are expected to be generated per year.
EPA Comments	EPA CODES IDENTIFIED BUT NOT YET ASSIGNED: D008(LEAD), D011(SILVER), D009(MERCURY)
Management Comments	No EPA codes or TRUCON CODES have been assigned
Acceptance Comments	N/A
Final Form Comments	Delta between Total # Projected and 150/yr for 16 yrs (2400) is because Total # Projected was calculated from given volume and 150/yr was from given comment. Tbrown 3/22/03

TWBIR ID: SR-T001-WSB-3

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	UNKNOWN			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	SR	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	250.00	0.00	250.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	Unknown
PCBs:	Unknown
Source:	Source Unknown

TRUCON Codes

not yet assigned

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	6.15E-01
Pu-239	4.04E+00
Pu-240	1.48E+00
Pu-241	7.45E+00
U-234	4.51E-03
U-235	1.45E-04
U-238	1.31E-06

Waste Volume Detail (Cubic meters) for TWBIR ID : SR-T001-WSB-3

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	0.0	93.6	56.2	0.0	144.1

As-Generated	Stored	0.0	Projected	144.1	Total	144.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	144.1

Final Form	Stored	0.0	Projected	144.1	Total	144.1

TWBIR ID: SR-T001-WSB-3

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream is defense related, contact handled TRU and is a neutralized aqueous stream in an inorganic sorbent.
Waste Stream Source Description	N/A
Current Container Comments	See Management Comments.
EPA Comments	NOT YET ASSIGNED
Management Comments	Approximately 45 55-gallon drums per year will be produced. The inorganic sorbent will contain 15 grams of Pu and 15 grams of HEU. The distribution of the Pu is Pu239 – 90 to 95%, Pu240- 5 to 9%, Pu241- <1%, Pu242- <.1%, and Pu238- <.5%. The uranium distribution is U235- 93%, U238- 5.4%, U236- .5%, and U234- 1%. The TRUCON codes have not yet been assigned.
Acceptance Comments	N/A
Final Form Comments	Delta between Total # Projected and 45/yr for 16 yrs (720) is because Total # Projected was calculated from given volume and 45/yr was from given comment. Tbrown 3/22/03

TWBIR ID: SR-W026-MFFF-1

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	UNKNOWN			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	SR	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
D008

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	3.13	0.00	30.00
Aluminum-Base Metal/Alloys	0.07	0.00	7.00
Other Metal/Alloys	0.04	0.00	4.00
Other Inorganic Materials	1.24	0.00	10.00
Cellulosics	2.20	0.00	20.00
Rubber	0.26	0.00	2.00
Plastics	15.30	0.00	30.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	5.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	Unknown
PCBs:	Unknown
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

OT YET ASSIGNE

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	4.11E-01
Pu-239	2.69E+00
Pu-240	9.86E-01
Pu-241	4.95E+00
U-234	3.00E-06
U-235	9.66E-07
U-236	1.58E-08
U-238	8.75E-09

Waste Volume Detail (Cubic meters) for TWBIR ID : SR-W026-MFFF-1

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	0.0	1664.0	998.4	0.0	2640.1

As-Generated	Stored	0.0	Projected	2640.1	Total	2640.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	2640.1

Final Form	Stored	0.0	Projected	2640.1	Total	2640.1

TWBIR ID: SR-W026-MFFF-1

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream is defense related, contact handled TRU and is composed of heterogeneous debris which can include HEPA filters, plastic, protective clothing, metal, gloves, lead lined gloves and sludges.
Waste Stream Source Description	N/A
Current Container Comments	Approximately 800 55 gallon drums per year will be produced. Some drums will contain lead-lined gloves. The TRUCON codes have not yet been assigned.
EPA Comments	EPA CODES HAVE NOT YET BEEN ASSIGNED
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	Delta between Total # Projected and 800/yr for 16 yrs (12800) is because Total # Projected was calculated from given volume and 800/yr was from given comment. Tbrown 3/22/03

TWBIR ID: SR-W026-PDCF-1

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	UNKNOWN			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	SR	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	3.13	0.00	400.00
Aluminum-Base Metal/Alloys	0.07	0.00	100.00
Other Metal/Alloys	0.04	0.00	100.00
Other Inorganic Materials	1.24	0.00	10.00
Cellulosics	2.20	0.00	20.00
Rubber	0.26	0.00	5.00
Plastics	15.30	0.00	30.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	137.00		
Packaging Material, Plastic	5.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	Unknown
PCBs:	Unknown
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

OT YET ASSIGNE

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : SR-W026-PDCF-1

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	0.0	990.1	848.6	0.0	1833.1

As-Generated	Stored	Projected	Total
	0.0	1833.1	1833.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	1833.1

Final Form	Stored	Projected	Total
	0.0	1833.1	1833.1

TWBIR ID: SR-W026-PDCF-1

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream is defense related, contact handled TRU and is composed of heterogeneous debris which can include HEPA filters, plastic, protective clothing, metal ingots including beryllium, gloves, lead lined gloves and sludges.
Waste Stream Source Description	N/A
Current Container Comments	approximately 680 55-gallon drums per year will be produced
EPA Comments	EPA CODES HAVE NOT YET BEEN ASSIGNED
Management Comments	The TRUCON and EPA codes have not yet been assigned.
Acceptance Comments	N/A
Final Form Comments	Delta between Total # Projected and 680/yr for 13 yrs (8840) is because Total # Projected was calculated from given volume and 680/yr was from given comment. Tbrown 3/22/03

TWBIR ID: SR-W026-WSB-2

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	N/A			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	SR	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
D008

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	3.13	0.00	30.00
Aluminum-Base Metal/Alloys	0.07	0.00	7.00
Other Metal/Alloys	0.04	0.00	4.00
Other Inorganic Materials	1.24	0.00	10.00
Cellulosics	2.20	0.00	20.00
Rubber	0.26	0.00	2.00
Plastics	15.30	0.00	30.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

OT YET ASSIGNE

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	1.32E+02
Pu-238	9.66E-06
Pu-239	1.98E-01
Pu-240	9.86E-02
Pu-241	1.98E-01
Pu-242	7.54E-06
U-234	3.00E-04
U-235	9.66E-06
U-236	1.56E-07
U-238	9.08E-08

Waste Volume Detail (Cubic meters) for TWBIR ID : SR-W026-WSB-2

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	0.0	416.0	249.6	0.0	672.0

As-Generated	Stored	0.0	Projected	672.0	Total	672.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	672.0

Final Form	Stored	0.0	Projected	672.0	Total	672.0

TWBIR ID: SR-W026-WSB-2

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream is defense related, contact handled TRU and is composed of heterogeneous debris with can include HEPA filters, plastic, protective clothing, metal, gloves, lead lined gloves, and sludges.
Waste Stream Source Description	N/A
Current Container Comments	Approximately 200 55-gallon drums per year will be produced.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	N/A
Final Form Comments	Delta between Total # Projected and 200/yr for 16 yrs (3200) is because Total # Projected was calculated from given volume and 200/yr was from given comment. Tbrown 3/22/03

TWBIR ID: WV-M005

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-M005	**Handling**	RH	**Stream Name**	TRU Filters			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Filter	**Waste Matrix Code**	S5410

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	351.20		
Packaging Material, Plastic	0.40		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu-238	
Pu-239	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-M005

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
173.19ft3 Lead Shielded Box	14.7	0.0	0.0	0.0	0.0	14.7
60 cubic ft. lead shielded box	23.8	0.0	0.0	0.0	0.0	117.3
64 ft.3 Box	12.7	0.0	0.0	0.0	0.0	12.7
70 cubic ft. Type A waste box	23.8	0.0	0.0	0.0	0.0	23.8
84 ft.3 box	19.0	0.0	0.0	0.0	0.0	19.0
90 cubic ft. waste box	10.2	0.0	0.0	0.0	0.0	10.2
BOX / 28.7ft3	4.1	0.0	0.0	0.0	0.0	4.1
Box / 48 cubic ft. Lead Shielde	8.3	0.0	0.0	0.0	0.0	8.3
Box / Misc.	2.9	0.0	0.0	0.0	0.0	2.9

As-Generated	Stored	119.4	Projected	93.5	Total	212.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	59.7	0.0	0.0	0.0	0.0	106.1

Final Form	Stored	59.7	Projected	46.4	Total	106.1

TWBIR ID: WV-M005

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of filters generated from normal site operations. The specific contents include pre-filters, High Efficiency Particulate Air (HEPA) filters, and roughing filters.
Waste Stream Source Description	Filters generated from changeout of various ventillation systems roughing and HEPA filters from normal site operations.
Current Container Comments	The lead shielding is integral with the box and does not come in contact with the waste. The filters will be repackaged into 55-gallon drums at a later date.
EPA Comments	N/A
Management Comments	WVNS container ID numbers: 12-1513, 12-1514, TC-036, TC-042, TC-045, TC-073, TC-076, TC-086, 1994: TC-001, TC-043, TC-132, TC-134, TC-137, TC-139, TC-140, TC-141, TC-148, TC-152, TC-153, TC-154, TC-155, TC-156, TC-157, TC-158, TC-159,TC-187, TC-189, TC-190, TC138, TC-114, TC-115, TC-119, TC-126, TC-127, TC-128, TC-129, TC-130, TC-131, TC-171, TC-180, TC-181, TC-182, TC-125, TC-183, TC-091, TC-197, TC-199
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-M007

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-M007	**Handling**	CH	**Stream Name**	TRU General Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	WV	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
unknown

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu(unspec)	
Sr-90	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-M007

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	10.8	0.0	0.0	0.0	0.0	10.8

As-Generated	Stored	10.8	Projected	0.0	Total	10.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	10.8	0.0	0.0	0.0	0.0	10.8

Final Form	Stored	10.8	Projected	0.0	Total	10.8

TWBIR ID: WV-M007

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of uncharacterized (i.e., requires hazardous characterization) general site waste generated from normal site operations. The specific contents of this waste stream are unknown.
Waste Stream Source Description	General site waste requiring hazardous characterization generated from normal site operations.
Current Container Comments	N/A
EPA Comments	Further sampling and analysis required to determine the contents of these containers, and if RCRA contaminants are present.
Management Comments	WVNS Container ID #s for this waste stream are: 5046, 5047, 5069, 5099, 5153, 5253, 5263, 5304, 5321, 5334, 5348, 5382, 5563, 5856, 6310, TD-008, TD-017, TD-028, TD-034, TD-035, TD-036, TD-040, TD-043, TD-184, TD-240, TD-268, TD-271, TD-294, TD-304, TD-308, TD-367, TD-387, TD-389, TD-399, TD-402, TD-407, TD-546, TD-554, TD-581, TD-596, TD-606, TD-607, TD-622, TD-629, TD-634, TD-924, TD-926, TD-931, TD-432, TD-537, 6503.
Acceptance Comments	* Pending Defense Determination
Final Form Comments	Some volume reduction may be performed on reduce the number of shipping containers required

TWBIR ID: WV-M008

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-M008	**Handling**	CH	**Stream Name**	TRU Concrete			**Inventory Date**	12/31/1994
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3150

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	1.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu-238	
Pu-239	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-M008

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	0.2	0.0	0.0	0.0	0.0	0.2

As-Generated	Stored	0.2	Projected	0.0	Total	0.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.2	0.0	0.0	0.0	0.0	0.2

Final Form	Stored	0.2	Projected	0.0	Total	0.2

TWBIR ID: WV-M008

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of samples solidified with cement generated from the on-site A&PC laboratory.
Waste Stream Source Description	Concrete samples generated from the on-site Analytical & Process Chemistry (A&PC) laboratory.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	WVNS TD-076
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-M010

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-M010	**Handling**	CH	**Stream Name**	TRU Spent Absorbents			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3190

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu-238	
Pu-239	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-M010

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	0.8	0.0	0.0	0.0	0.0	0.8

As-Generated	Stored	0.8	Projected	0.0	Total	0.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.8	0.0	0.0	0.0	0.0	0.8

Final Form	Stored	0.8	Projected	0.0	Total	0.8

TWBIR ID: WV-M010

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of spent absorbents generated from site operations. The media absorbed is not known for this waste stream.
Waste Stream Source Description	Spent absorbents generated from site operations.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	WVNS TD-707, WVNS TD-713,TD-937, TD-924
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-M013

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-M013	**Handling**	CH	**Stream Name**	Sweeping Compound			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	MTRU	**Generator Site**	WV	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3131

EPA Codes

As-Generated
D007, D008

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu-238	
Pu-239	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-M013

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	1.9	0.0	0.0	0.0	0.0	1.9

As-Generated	Stored	Projected	Total
	1.9	0.0	1.9

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	1.9	0.0	0.0	0.0	0.0	1.9

Final Form	Stored	Projected	Total
	1.9	0.0	1.9

TWBIR ID: WV-M013

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of sweeping compound generated from normal site operations. The specific contents include grid and floor debris. This waste stream is considered as hazardous/radioactively contaminated based on the assumption that the waste contains lead and chromium contaminated paint chips.
Waste Stream Source Description	Grid and floor debris generated from normal site operations.
Current Container Comments	N/A
EPA Comments	It is not known whether paint chips are in this waste stream. Sampling and analysis are required.
Management Comments	WVNS TD-006, WVNS TD-009, WVNS TD-011, WVNS TD-025, WVNS TD-042, WVNS TD-048, WVNS TD-122, TD-026
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-M015

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-M015	**Handling**	RH	**Stream Name**	Chemical Process Cell General Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5420

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	1.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	435.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	465.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Cs-137	
Pu(unspec)	
Sr-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-M015

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
370 cubic foot waste box	10.5	0.0	0.0	0.0	0.0	10.5
70 cubic ft. Type A waste box	2.0	0.0	0.0	0.0	0.0	2.0
Drum / 55 gallon	0.6	0.0	0.0	0.0	0.0	0.6

As-Generated	Stored	13.1	Projected	0.0	Total	13.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	6.0	0.0	0.0	0.0	0.0	6.0

Final Form	Stored	6.0	Projected	0.0	Total	6.0

TWBIR ID: WV-M015

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream was generated as a result of the decommissioning and decontamination of the Chemical Process Cell (CPC). The CPC was previously used to reprocess spent fuel rods. The specific contents of this container include vacuum lines, air lines, floor debris, pipe, & hoses.
Waste Stream Source Description	Floor debris, vacuum lines, pipe, and hose generated from clean-up of the Chemical Process Cell.
Current Container Comments	Contains 6, 44"by 44" by 44" boxes
EPA Comments	N/A
Management Comments	WVNS container ID's for these boxes: TC-172, TD-173, TD-174, TD-175, 3E-1/7E-5/7E-8
Acceptance Comments	* Pending Defense Determination
Final Form Comments	A portion of this waste stream will be repackaged into 55-gallon drums.

TWBIR ID: WV-T001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T001	**Handling**	CH	**Stream Name**	Fissile Material - Solids			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5490

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu(unspec)	0.00E+00
Pu-239	0.00E+00
U(unspec)	0.00E+00

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Box / 70 cubic ft. Type A Wast	15.8	0.0	0.0	0.0	0.0	15.8
Box / 90 cubic ft. Waste	15.3	0.0	0.0	0.0	0.0	15.3
Drum / 55 gallon	8.1	0.0	0.0	0.0	0.0	8.1

As-Generated	Stored	39.3	Projected	0.0	Total	39.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	36.8	0.0	0.0	0.0	0.0	36.8

Final Form	Stored	36.8	Projected	0.0	Total	36.8

TWBIR ID: WV-T001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of solid fissile material generated from previous decontamination and decommissioning activities. The specific contents include CUNO filters, vacuum cans, glove box debris, piping, hoses, pumps, etc
Waste Stream Source Description	Solid fissile material generated from previous decontamination and decommissioning activities.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	WVNS 55-gallon drum container ID's: TD-583, TD-461, TD-507, TD-509, TD-502, TD-506, TD-505, TD-476, TD-500, TD-474, TD-471, TD-492, TD-602, TD-932, TD-715, TD-497, TD-797, TD-456, TD-493, TD-559, TD-941, TD-1225, TD-1226, TD-1257, TD-1263, TD-1266, TD-1267, TD-1271, TD-1272, TD-1273, TD-1274, TD-1277, TD-1278, TD-1283, TD-1285, TD-1286, TD-1287, TD-1171, TD-1215. TC-032, TC-065, TC-969, TC-144, TC-151, TC-150, TC-104, TC-143, TC-100B, TC-201, TC-146, TC-198, TC-084.
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-T004

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T004	**Handling**	CH	**Stream Name**	Fissile Material - Other			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	N/A	**Waste Matrix Code**	U9999

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	1.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Pu-238	
Pu-239	
U(unspec)	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T004

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	0.6	0.0	0.0	0.0	0.0	0.6

As-Generated	Stored	0.6	Projected	0.0	Total	0.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.6	0.0	0.0	0.0	0.0	0.6

Final Form	Stored	0.6	Projected	0.0	Total	0.6

TWBIR ID: WV-T004

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of liquid waste with associated fissile material generated from previous decontamination and decommissioning activities. The specific contents are unknown.
Waste Stream Source Description	Fissile material generated from previous decontamination and decommissioning activities.
Current Container Comments	Currently store in 55 gallon drums.
EPA Comments	the specific contents of this waste stream are unknown.
Management Comments	WVNS TD-478, WVNS TD-640, WVNS TC-1309
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-T006

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T006	**Handling**	CH	**Stream Name**	TRU General Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5490

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	1.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	1.00	0.00	0.00
Plastics	1.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	143.40		
Packaging Material, Plastic	17.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu(unspec)	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T006

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	10.4	4.1	6.1	0.0	0.0	20.6

As-Generated	Stored	10.4	Projected	10.2	Total	20.6

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	10.4	0.0	0.0	0.0	0.0	20.6

Final Form	Stored	10.4	Projected	10.2	Total	20.6

TWBIR ID: WV-T006

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of radiologically and hazardous general site waste generated from normal site operations. The specific contents include but are not limited to anticontamination clothing, hoses, glove bags, and tools.
Waste Stream Source Description	Radiologically and hazardous classified general site waste generated from normal site operation.
Current Container Comments	Currently stored in 55-gallon drums.
EPA Comments	none
Management Comments	WVNS 55-gallon drum Container ID #s for this waste stream are: 4581, 6224, TD-002, TD-024, TD-027, TD-030, TD-037, TD-049, TD-058, TD-102, TD-103, TD-110, TD-113, TD-115, TD-117, TD-120, TD-132, TD-139, TD-142, TD-260, TD-305, TD-332, TD-379, TD-386, TD-395, TD-415, TD-422, TD-440, TD-441, TD-442, TD-445, TD-477, TD-522, TD-525, TD-528, TD-529, TD-531, TD-553, TD-573, TD-585, TD-587, TD-591, TD-595, TD-610, TD-632, TD-637, TD-647, TD-648, TD-649, TD-659, TD-719, TD-937. For 1994
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-T009

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T009	**Handling**	CH	**Stream Name**	TRU General Laboratory Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5420

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Analytical Laboratory Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu(unspec)	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T009

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	10.0	8.5	12.7	0.0	0.0	31.2

As-Generated	Stored	Projected	Total
	10.0	21.2	31.2

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	10.0	0.0	0.0	0.0	0.0	31.2

Final Form	Stored	Projected	Total
	10.0	21.2	31.2

TWBIR ID: WV-T009

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of general laboratory waste generated on-site. The specific contents include anticontamination clothing, bags, wipes, samples, etc.
Waste Stream Source Description	General laboratory waste generated on-site.
Current Container Comments	Currently stored in 55-gallon drums.
EPA Comments	none
Management Comments	WVNS Container ID's for these 10, 55-gallon drums; TD-026, TD-142, TD-659, TD-1009, TD-1028, TD-1029, TD-1043, TD-958, TD-963, TD-966, TD-969, TD-355, TD-1053, TD-1064, TD-1074, TD-1078, TD-1081, TD-1087, TD-1102, TD-1106, TD-1112, TD-1139, TD-1140, TD-1146, TD-1150, TD-1151, TD-1152, TD-1154, TD-1155, TD-1160, TD-1161, TD-1163, TD-1165, TD-1166, TD-1167, TD-1176, TD-1177, TD-1186, TD-1191, TD-1194, TD-1195, TD-1197, TD-1198, TD-1200, TD-1204, TD-1211, TD-1212, TD-1279.
Acceptance Comments	* Pending Defense Determination
Final Form Comments	It is estimated that volume reduction could be performed.

TWBIR ID: WV-T011

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T011	**Handling**	CH	**Stream Name**	TRU Glove Boxes			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5111

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	1.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu(unspec)	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T011

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	0.2	0.0	0.0	0.0	0.0	0.2
Box / Misc.	33.9	0.0	0.0	0.0	0.0	33.9

As-Generated	Stored	34.1	Projected	0.0	Total	34.1

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	10.2	0.0	0.0	0.0	0.0	10.2

Final Form	Stored	10.2	Projected	0.0	Total	10.2

TWBIR ID: WV-T011

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of radiologically and hazardous glove boxes generated from decommissioning and decontamination activities. The specific contents include glove boxes and tools.
Waste Stream Source Description	Radiologically and hazardous classified glove boxes generated from decomissioning and decontamination activities.
Current Container Comments	N/A
EPA Comments	None
Management Comments	WVNS Container ID number is TD-370, TC-191, TC-192, TC-194.
Acceptance Comments	* Pending Defense Determination
Final Form Comments	Waste will be size reduced and repackaged into 55-gallon drums at a future date.

TWBIR ID: WV-T014

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T014	**Handling**	RH	**Stream Name**	Chemical Process Cell Vessels			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5111

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	1.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	465.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Cs-137	
Pu(unspec)	
Sr-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T014

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Various size metal waste boxe	270.0	0.0	0.0	0.0	0.0	270.0

As-Generated	Stored	Projected	Total
	270.0	0.0	270.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	10.6	0.0	0.0	0.0	0.0	10.6

Final Form	Stored	Projected	Total
	10.6	0.0	10.6

TWBIR ID: WV-T014

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream was generated as a result of the decommissioning and decontamination of the Chemical Process Cell. The specific contents of these containers include evaporators, dissolvers, tanks, condensers, etc. These vessels were previously used to reprocess spent fuel rods.
Waste Stream Source Description	Vessels removed from the Chemical Process Cell.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	3C-1 (fuel dissolver), 3C-2 (fuel dissolver), 7C-2 (LLW evaporator), 3E-2/3E-3 (dissolver condensers), 7C-4 (recycle evaporator), 7D-10 (LLW accountability and neutralizer tank), 7C-1 (HLW evaporator), 3D-1 (fuel accountability and feed adjustment tank), 7D-4 (HLW accountability and neutralizer tank)
Acceptance Comments	* Pending Defense Determination
Final Form Comments	These tanks/vessels will be size reduced and repackaged into 55-gallon drums.

TWBIR ID: WV-T016

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T016	**Handling**	RH	**Stream Name**	Chemical Process Cell Miscellaneous Equipment			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Uncategorized Metal	**Waste Matrix Code**	S5111

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	1.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	434.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	465.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Cs-137	
Pu(unspec)	
Sr-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T016

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
432 cubic ft. 6ft by 6ft by 12 ft.	146.8	0.0	0.0	0.0	0.0	146.8

As-Generated	Stored	Projected	Total
	146.8	0.0	146.8

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	8.5	0.0	0.0	0.0	0.0	8.5

Final Form	Stored	Projected	Total
	8.5	0.0	8.5

TWBIR ID: WV-T016

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream was generated as a result of the decommissioning and decontamination of the Chemical Process Cell (CPC). The specific contents of these containers include various jumpers and miscellaneous equipment, etc. The CPC was previously used to reprocess spent fuel rods.
Waste Stream Source Description	Various jumpers and miscellaneous equipment generated from the decontamination and decomissioning of the Chemical Process Cell
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	Jumper Boxes J1 Through J-12 Each jumper box is 432 cubic feet and contains a inner container which houses the jumpers and misc. waste
Acceptance Comments	* Pending Defense Determination
Final Form Comments	These containers will be size reduced and repackaged into 55-gallon drums at a later date.

TWBIR ID: WV-T017

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-T017	**Handling**	CH	**Stream Name**	Spent Filter Media			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Solidified Inorganics	**Waste Matrix Code**	S3115

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	154.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Facility/Equipment Operation and Maintenance Waste

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu-238	
Pu-239	
Sr-90	
U(unspec)	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T017

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
80 cubic foot HIC	2.3	0.0	0.0	0.0	0.0	2.3

As-Generated	Stored	Projected	Total
	2.3	0.0	2.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	2.5	0.0	0.0	0.0	0.0	2.5

Final Form	Stored	Projected	Total
	2.5	0.0	2.5

TWBIR ID: WV-T017

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of spent filter media generated from filtration of the Fuel Receiving & Storage pool where the remaining spent fuel rods are stored.
Waste Stream Source Description	Spent filter media generated from normal site activities.
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	HIC-A
Acceptance Comments	* Pending Defense Determination 1, 80 cubic foot High Integrity Container
Final Form Comments	HIC filter media will be repackaged into 55-gallon drums at a later date.

TWBIR ID: WV-T018

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	Head End Cell Debris			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	1.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

NA

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T018

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0
Box / 344ft3	19.5	0.0	0.0	0.0	0.0	19.5
Box / Misc.	146.9	0.0	0.0	0.0	0.0	158.2
Drum / 55 gallon with 30 gallon	5.0	0.0	0.0	0.0	0.0	30.6

As-Generated	Stored	171.4	Projected	36.9	Total	208.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	54.1	0.0	0.0	0.0	0.0	79.7

Final Form	Stored	54.1	Projected	25.6	Total	79.7

TWBIR ID: WV-T018

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of debris generated as a result of decommisioning and decontaminating of head end cells. These cells were used to prep the fuel for reprocessing. Waste from the waste tank farm is also included.
Waste Stream Source Description	N/A
Current Container Comments	The West Valley Demonstration project does not currently have RH canisters. The assumption is that this waste stream will be repackaged into RH-TRU canisters at a later date.
EPA Comments	N/A
Management Comments	SP-138, SP-144, HEC-021, HEC-022, HEC-023, HEC-024, HEC-027, HEC-028, HEC-029, HEC-030, HEC-031, HEC-034, HEC-035, HEC-039, HEC-041, various others.
Acceptance Comments	* Pending Defense Determination 19.5 M3 will need to be repackaged. The West Valley Demonstration Project does not currently have RH canisters. The assumption is that this waste stream will be repackaged into RH-TRU canisters at a later date.
Final Form Comments	N/A

TWBIR ID: WV-T019

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	RH	**Stream Name**	FRS Pool Filters			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Filter	**Waste Matrix Code**	S5410

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T019

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Box / 90 cubic ft. Waste	0.0	6.1	9.2	0.0	0.0	15.3

As-Generated	Stored	Projected	Total
	0.0	15.3	15.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	20.6

Final Form	Stored	Projected	Total
	0.0	20.6	20.6

TWBIR ID: WV-T019

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of cartridge filters stored in sheild boxes
Waste Stream Source Description	N/A
Current Container Comments	Filters will be repackaged and stored in 55-gallon drums at a later date.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-T020

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	PPC/XC2 PPE and DAW			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	1.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T020

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	90.7	181.4	0.0	0.0	226.7

As-Generated	Stored	0.0	Projected	226.7	Total	226.7

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	226.7

Final Form	Stored	0.0	Projected	226.7	Total	226.7

TWBIR ID: WV-T020

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of PPE, piping, vessels, hoses, and other DAW.
Waste Stream Source Description	N/A
Current Container Comments	Waste will be generated beginning in FY03. Waste will be packaged into 55-gallon drums or repackaged into 55-gallon drums at a later date.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-T021

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	N/A	**Handling**	CH	**Stream Name**	RHWF Process	**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	WV	**Final Waste Form**	Heterogeneous Debris	**Waste Matrix Code**	S5000

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	10.00	0.00	0.00
Other Inorganic Materials	10.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Remediation/D&D Waste

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-T021

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Drum / 55 gallon	0.0	32.3	48.4	0.0	0.0	80.7

As-Generated	Stored	0.0	Projected	80.7	Total	80.7

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	0.0	0.0	0.0	0.0	0.0	80.7

Final Form	Stored	0.0	Projected	80.7	Total	80.7

TWBIR ID: WV-T021

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste consists of misc. metals, filters and plastics.
Waste Stream Source Description	N/A
Current Container Comments	CH TRU will be repackaged into 55 gallon drums.
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	* Pending Defense Determination
Final Form Comments	N/A

TWBIR ID: WV-W024

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-W024	**Handling**	CH	**Stream Name**	TRU Lead			**Inventory Date**	9/30/2002
Local ID	NA	**Waste Type**	MTRU	**Generator Site**	WV	**Final Waste Form**	Lead/Cadmium Metal	**Waste Matrix Code**	S5112

EPA Codes

As-Generated
D008

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	131.00		
Packaging Material, Plastic	37.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	No
Asbestos:	No
PCBs:	No
Source:	Discarding Excess/Expired Materials

TRUCON Codes

N/A

Final Form Radionuclides

Isotope	Typical Concentration (Ci/m3)
Am-241	
Ba-137m	
Cs-137	
Pu	
Sr-90	
U	
Y-90	

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-W024

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55-GALLON DRUM	1.7	0.0	0.0	0.0	0.0	1.7
BOX / 444 cubic ft	12.6	0.0	0.0	0.0	0.0	12.6
Box / 90 cubic ft. Waste	5.1	0.0	0.0	0.0	0.0	5.1

As-Generated	Stored	19.3	Projected	0.0	Total	19.3

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
55 Gallon Drum	19.3	0.0	0.0	0.0	0.0	19.3

Final Form	Stored	19.3	Projected	0.0	Total	19.3

TWBIR ID: WV-W024

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	This waste stream consists of transuranic lead in the following configurations: lead bricks and lead shielding. Note: The size of the waste stream components may be highly variable. In addition to the lead materials listed above, the following wastes are also part of the contents of the containers included in this waste stream: glassware, bags, bottles. oven, ultrasonic chiller, and an old style 8D-2 sample cask. The wastes included in this stream are characterized as mixed because they exhibit the characteristic of toxicity for lead.
Waste Stream Source Description	This waste stream consists of lead as specified in section 3.1. This waste was previously used as shielding in radiologically contaminated areas and was identified as excess material.
Current Container Comments	Currently stored in 55-gallon drums.
EPA Comments	The high confidence level for regulated contaminant characteristics data is based on the process knowledge (i.e., content descriptions) that lead is present in these containers. The specific amount of elemental lead present in these containers is not available at this time.
Management Comments	WVNS Container ID #s for this waste stream are: TC-135D, TC-136, TC-193, TD-1070, TD-1168, TD-1228, TD-1232, TD-1259, TD-1282, TD-1316, TD-1361.
Acceptance Comments	* Pending Defense Determination
Final Form Comments	following decontamination of the lead as a pretreatment step, it is anticipated that this waste stream will no longer be classified as transuranic waste and there will be no TRU disposal required.

TWBIR ID: WV-Z001

Annex I

TRU WASTE BASELINE INVENTORY WASTE PROFILE

HQ ID	WV-Z001	**Handling**	U	**Stream Name**	West Valley Buried TRU Waste			**Inventory Date**	9/30/2002
Local ID	N/A	**Waste Type**	TRU	**Generator Site**	N/A	**Final Waste Form**	N/A	**Waste Matrix Code**	N/A

EPA Codes

As-Generated
N/A

Waste Material Parameters (kg/m3)

Material Parameter	Average	Lower	Upper
Iron-Base Metal/Alloys	0.00	0.00	0.00
Aluminum-Base Metal/Alloys	0.00	0.00	0.00
Other Metal/Alloys	0.00	0.00	0.00
Other Inorganic Materials	0.00	0.00	0.00
Cellulosics	0.00	0.00	0.00
Rubber	0.00	0.00	0.00
Plastics	0.00	0.00	0.00
Solidified, Inorganic Matrix	0.00	0.00	0.00
Cement (Solidified)	0.00	0.00	0.00
Vitrified	0.00	0.00	0.00
Solidified, Organic Matrix	0.00	0.00	0.00
Soils	0.00	0.00	0.00
Packaging Material, Steel	0.00		
Packaging Material, Plastic	0.00		
Packaging Material, Lead	0.00		
Packaging Material, Steel Plug	0.00		

Final Waste Form Descriptors

Category:	Defense TRU Waste*
Residues:	N/A
Asbestos:	N/A
PCBs:	N/A
Source:	N/A

TRUCON Codes

N/A

No Final Form Radionuclides Provided

Waste Volume Detail (Cubic meters) for TWBIR ID : WV-Z001

As-Generated Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
Not contained	1353.0	0.0	0.0	0.0	0.0	1353.0

As-Generated — Stored: 1353.0 | Projected: 0.0 | Total: 1353.0

Final Form Volumes

ContainerType	Stored End of CY 2001	Projected 2002-2006	Projected 2007-2016	Projected 2017-2026	Projected 2027-2036	Total
	0.0	0.0	0.0	0.0	0.0	0.0

Final Form — Stored: 0.0 | Projected: 0.0 | Total: 0.0

TWBIR ID: WV-Z001

Annex I
TRU WASTE BASELINE INVENTORY WASTE PROFILE

Waste Stream Description	N/A
Waste Stream Source Description	N/A
Current Container Comments	N/A
EPA Comments	N/A
Management Comments	N/A
Acceptance Comments	* Defense Determination Needed
Final Form Comments	N/A