Toxic Substance Control Act PCB/Radioactive Waste Annual Inventory for Calendar Year 2002

June 2003



Idaho National Engineering and Environmental Laboratory Bechtel BWXT Idaho. LLC

Toxic Substance Control Act PCB/Radioactive Waste Annual Inventory for Calendar Year 2002

Prepared by BBWI

June 2003

Idaho National Engineering and Environmental Laboratory
Environmental Affairs Directorate
Idaho Falls, Idaho 83415

Prepared for the
U.S. Department of Energy
Assistant Secretary for Environmental Management
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Section I:

Continuing Attempts to Secure Disposal of PCB/Radioactively Contaminated Waste

Continuing Attempts to Secure Disposal of PCB/Radioactively Contaminated Waste

The Toxic Substance Control Act regulations of 40 CFR 761.65(a)(2)(ii) requires a written record documenting all continuing attempts to secure disposal of PCB/radioactive waste. The written record must be available for inspection or submission to EPA if requested. EPA Region 10 has requested the information be submitted to the agency on or before July 15 for the previous calendar year. Included with the information on attempts to secure disposal of PCB/Radioactive waste, the Department of Energy (DOE) has been requested to submit an inventory of PCB/Radioactive waste in storage on the INEEL for the previous calendar year.

The following are the attempts made by the INEEL to secure disposal of PCB/Radioactive waste:

- 1) A total of twenty eight (28) items or containers totaling approximately 36,000 kg of radioactively contaminated PCBs were disposed during the calendar year 2002. The facilities used for disposal included a TSCA permitted incinerator capable of burning radioactively contaminated PCB liquids; a RCRA permitted subtitle C facility capable of accepting radioactively contaminated PCB solids; and a Department of Energy Low Level Waste landfill capable of accepting radioactively contaminated PCB bulk product waste (Section III).
- 2) A modification to the Waste Isolation Pilot Plant (WIPP) Waste Acceptance Criteria (WAC) to allow the disposal of PCB remediation waste contaminated with transuranic isotopes has been granted by EPA Region 6 to the Department of Energy (DOE)-Carlsbad Office. The WIPP disposal site now becomes an option for some radioactively contaminated PCB wastes in storage on the INEEL.

Section II:

PCB/Radioactive Waste In Storage Awaiting Disposal

For Calendar Year 2002

Radioactive and Mixed PCB Waste Inventory

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE	
-	10-00-182-042-F (NRF)	PCB Sampling Debris		21	6/5/2001	
_	11042	PCB/Listed Contaminated Debris		24	8/29/1980	
_	11308	Liquid analytical residues		29	8/29/1980	
-	11399	V-tank analysis residues		18	8/29/1980	
_	11697	Rad Contaminated Lead Based Paint Chips and Debris		Ω	4/2/1997	
-	11699	Sample waste		12	8/29/1980	
-	12411 (NRF)	Debris		66	2/15/1997	
_	12416 (NRF)	Paint Chips		21	3/27/1997	
-	12427 (NRF)	Lead and Chromium Contaminated Debris		108	6/10/1997	
-	12837 (NRF)	Paint Chips		205	7/19/1997	
	12845 (NRF)	Debris		86	6/19/1997	
_	12880 (NRF)	PCB-Pb-Cr Paint Chips		96	5/17/1998	
_	12883 (NRF)	PCB-Pb Paint Chips		99	5/18/1998	
_	12885 (NRF)	PCB-Pb-Cr Paint Chips		73	6/1/1998	
	12886 (NRF)	Pentex, PCB-Pb-Cr Paint Chips		87	5/29/1998	
	12896 (NRF)	Heavy Metal Paint Chips		9	10/14/1997	
	12897 (NRF)	PCB Debris		21	10/22/1997	
	12898 (NRF)	PCB-Pb-Chrome Debris		26	5/4/1998	
	12899 (NRF)	PCB-Pb-Cr Paint Chips		56	6/2/1998	
	12969 (NRF)	Paint Chips		4	4/1/1997	
	12983 (NRF)	Painted metal		43	2/3/1997	
	12989 (NRF)	Paint Chips		136	9/24/1997	
	13002 (NRF)	Paint chips		205	11/26/1997	
	13036 (NRF)	Paint Metal		9	10/8/1997	
	13049 (NRF)	PCB-Pb-Chrome Debris		85	2/14/1998	
	14366k (NRF)	Paint Chips		186	4/13/1997	
	14377k (NRF)	Debris		31	4/22/1997	

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Calendar Year 2002

QUANTITY	CONTAINER ID#	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
	14378k (NRF)	Paint Chips		100	
_	15077k	Treatability study soil samples		761	/661/11/6
_	16-00-182-088-F (NRE)			27	8/29/1980
_	1624ZI:	PCB Paint Chips & Debris		9	12/17/2002
	10317K	MTRU lab analytical waste		96	1/1/1979
	16358k	Solid analysis residues		22	8/29/1980
	16359k	Liquid analysis residues		m	9/20/1080
	16361k	Liquid analysis residues		ס ער	0/29/1900
	16385k	Lab solvent residues w/listed codes		,	0/23/1900
	16386k	Lab solvent reciding willisted and a		m	8/29/1980
	16979k	Debric (ANI MA)		11	8/29/1980
	189804	רפינוני (אואב-או)	(10)	41	8/1/1995
	16 00 187 030 F AIDE	Used oil and light ballasts	(10)	206	8/1/1995
	10-99-101-032-F (NRF)	PCB Ballast		55	10/1/2002
	17266k	Piping and drains		202	8/1/1996
	17267k	Piping and drains		206	8/1/1996
	17268k	Piping and drains		199	8/1/1996
	17269k	Piping and drains		06	8/1/1006
	17346k	V-tank Sample Returns (Altered and Unaltered)		\$ 6	0.001/0.00
	17347k	V-tank Sample Returns (Altered and Unaltered)		0 (8/29/1980
	17348k	V-tank Sample Returns (Attered and Unattered)		0 .	8/29/1980
	17349k	V-tank Sample Returns (Altered and Unastered)		\$ 0	8/29/1980
	17350k	West Comple Determine (Allege of 11-11-11-11)		92	8/29/1980
	472615	Vitain Sample Returns (Altered and Unaltered)		06	8/29/1980
	100 L	V-tank Sample Returns (Altered and Unaltered)		62	8/29/1980
	17645k	Acidic Lab Waste w/INTEC codes & PCBs		64	6/9/1998
	17651k	Acidic Lab Waste w/INTEC codes & PCBs		22	5/28/1998
	17652k	Organic solvent waste w/INTEC codes & PCBs		ဖ	5/28/1998
	18455k	MTRU Lab Analytical Waste w/PCBs		. G	1/1/1070
	18493k	Acidic Lab Waste w/INTEC codes & PCBs		82	5/12/1998
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Radioactive and Mixed PCB Waste Inventory

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
	18502k	V-tank Analysis Residues		c	
1	18503k			יים אר	8/29/1980
_	185047			29	8/29/1980
	24	v-tank Analysis Residues	(10)	11	8/29/1980
_	18508k	Acidic Analysis Residues w/INTEC codes & PCBs		G	8/29/1980
₩.	19204k	Returned ARA-16 Washwater and Sludge Samples		œ	3/1/1988
_	19205k	Returned ARA-16 Washwater and Sludge Samples		· (C	3/1/1088
-	19206k	Returned ARA-16 Washwater and Sludge Samples		. 48	3/1/1988
-	19207k	Returned ARA-16 Washwater and Sludge Samples		ê: 6¢	3/1/1088
	19208k	Returned ARA-16 Washwater and Sludge Samples		3 2	0001/1/0
	19555k	Returned ARA-16 Wash Water and Sludge Samples		40 4 a	3/1/1988
_	19580k	V-tank Sample Returns (Altered and Unaltered)		Φ Φ	3/1/1988
	19581k	V-tank Sample Returns (Altered and Unaltered)		, ,	0/29/1900
	19582k	V-tank Sample Returns (Altered and Unaltered)		2 2	0/23/1900
	19583k	V-tank Sample Returns (Altered and Unaltered)		- 66	8/29/1980
	19584k	V-tank Sample Returns (Altered and Unaltered)		77 00	0/29/1960
	19585k	V-tank Sample Returns (Altered and Unaltered)		3 29	0/29/1900
	19586k	V-tank Sample Returns (Altered and Unaltered)		20	6/29/1980
	19591k	V-tank Sample Returns (Altered and Unaltered)		9°	8/29/1980
	19592k	V-tank Sample Returns (Altered and Unaltered)		S 6	6/26/1980
	19593k	V-tank Sample Returns (Altered and Unaltered)		32 20	0/29/1900
	19595k	V-tank Sample Returns (Altered and Unaltered)		3 9	00/20/1900
	19596k	V-tank Sample Returns (Altered and Unattered)		8 8	0/29/1980
	19600k	V-tank Sample Returns (Altered and Linahered)		07	8/29/1980
	19601k	Vivial Compressions (Altered and Original Ed.)		25	8/29/1980
	N 1000	v-tank Sample Keturns (Altered and Unaltered)		65	8/29/1980
	19602K	Returned ARA-16 Washwater and Sludge Samples		78	3/1/1988
	19603k	Returned ARA-16 Washwater and Sludge Samples		72	3/1/1988
	20119k (NRF)	PCB-Pb-Cr Paint Chips & Debris		32	6/18/1998

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
_	20122k (NRF)	Pentex, Paint Chips		100	0000
_	20137k (NRF)	Debris		701	8681/81/9
-	20146k (NRF)	Paint Chins		7	1/28/1998
-	20148k (NRE)	edino mine		4	2/25/1998
. 4-	20153k (NDF)	Faint Chips		45	7/8/1998
- ,	ZUIDSK (NRF)	PCB-Cr Paint Chips & Debris		18	9/11/1998
-	20273k (NRF)	PCB, Heavy Metal Debris		64	7/30/1998
-	20279k (NRF)	Paint Chips			10/30/4008
1	20283k (NRF)	PCB Metal Debris		t (4	10/30/1998
-	20295k (NRF)	Sample debris		3	4/8/1998
-	20297k (NRF)	Donate Alice		7	10/14/1998
-	(1014) 300000	Tentex Paint Chips		66	1/12/1999
- ,	ZUSUUK (NKF)	Paint chips		4	6/22/1998
_	20312k (NRF)	Paint chips		21	3/14/1998
-	20723k	Debris		76	6/2/1008
_	20724k	PCB Contaminated Waste		2	0/2/1990
_	20725k	PCB Contaminated Waste		- 7	1/20/1990
_	20831k (NRF)	Verina manufact Daint China		124	1/28/1998
•	20832k (NDE)	Vacuum caministers, Paint Chips		51	3/8/1999
	SUBSEK (MRF)	Vacuum cannisters, Paint Chips		51	3/8/1999
_ ,	20833k (NRF)	Vacuum cannisters, Paint Chips		55	3/8/1999
.	20834k (NRF)	Vacuum cannisters, Paint Chips		52	3/8/1999
	20835k (NRF)	Vacuum cannisters, Paint Chips		20	3/8/1999
-	20836k (NRF)	Vacuum cannisters, Paint Chips		47	3/8/1000
_	20837k (NRF)	Vacuum cannisters, Paint Chips		: 1	3/8/1000
*	20851k (NRF)	Paint chips, heavy metal debris		5 4	6661 1010
	21165k	Debris. Paint and Ashestos		ne :	11/26/1998
-	21187k	Ochric		43	9/30/1997
-		CACIES	(10)	43	9/16/1998
- ,	Z1Z19K	Debris and Paint Chips		245	3/31/1999
_	21220k	Debris and Paint Chips		256	3/24/1999

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QUANTITY	CONTAINER ID#	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
-	220-2	Werf Ash	(8)	0	5/31/2000
-	22629k	Solvent from INTEC		4	7/30/1998
_	22642k	Lab analytical waste		64	1/1/1979
-	30-00-059-009-F (NRF)	PCB Ballast		80	8/23/2000
_	324-1	TWCP Preps		4	10/7/2000
←	327-18	PCB Stds. Preps.		0	4/18/2000
-	55-00-082-028-F (NRF)	Pentek Drum, Material from Hot Cells 9-14		7.1	1/8/2001
_	55-00-082-042-F (NRF)	Paint Chips and Debris		36	2/16/2001
₹	55-00-082-052-F (NRF)	Light Ballast		165	8/20/1998
_	55-97-219-075-F (NRF)	Sample Bottles with Sediment, Remediation Waste PCB >=50 ppm		48	2/16/1999
- -	55-98-337-013-F (NRF)	Debris from WAPD-39 Paint Samples		56	11/27/2000
_	55-98-337-067-F (NRF)	Paint and Metal and Debris		147	2/23/1999
_	55-98-337-099-F (NRF)	Solid Sediment Samples, Remediation Waste PCB>=50 ppm		56	9/8/1998
_	55-99-266-039-F (NRF)	PCB Pentek Drum		91	12/18/2002
-	ANL-94-016	Used oil and light ballasts		127	7/6/1993
	ARA000002	PPE from ARA-13 Septic Tank		41	6/26/2000
_	ARA000044	Hose from ARA-16 pipe Rinsing		59	11/7/2000
-	ARA000059	ARA 13 Distribution box sludge mixed with floor dry and PPE		159	5/9/2001
_	ARA020000	ARA-02 PPE and Debris		48	6/11/2001
-	ARA990026	Solid from Tank #2		49	8/19/1999
-	ARA990030	Эдд		09	10/1/1996
_	ARA990031	Rocks / Concrete		166	10/2/1996
* -	ARA990032	Pipe and Plastic		47	10/7/1996
_	ARA990033	Plastic & Wood		103	9/30/1996
-	ARA990034	PPE/Plastic		34	10/7/1996
-	ARA990036	Sludge / Water		217	9/30/1996
_	ARA990037	Sludge / Water		211	9/30/1996
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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
-	ARA990038	Sludge / Water		216	9/30/1996
1	ARA990039	Sludge / Water		221	9/30/1996
+	ARA990040	Sludge / Water		196	9/30/1996
_	ARA990041	Sludge / Water		220	9/30/1996
	ARA990042	Sludge / Water		226	9/30/1996
	ARA990043	Sludge / Water		214	9/30/1996
- -	ARA990044	PPE and debris		44	10/2/1996
-	ARA990045	PPE		61	10/2/1996
	ARA990046	PPE & Plastic		50	10/7/1996
-	DDD020151	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		24	11/19/1999
	DDD020152	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		86	11/19/1999
-	DDD020153	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		46	11/19/1999
-	DDD020154	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		5	11/19/1999
-	DDD020155	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		S.	11/19/1999
_	DDD020156	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		9	11/19/1999
_	DDD020157	MLLW Liquid Samples from TAN-616 for Thermo/Stabilization		80	11/19/1999
-	DDD020158	MLLW contaminated with PCBs for Stabilization from D&D&D of TAN 616		252	9/3/2002
	DDD020181	Debris for Direct Disposal from D&D&D of TAN 616		104	10/29/2002
-	DDD020199	MLLW Contaminated with PCB's for disposal from D&D&D TAN-616	(10)	44	11/7/2002
_	DDD020202	Debris for Direct Disposal from D&D&D of TAN 616		686	10/29/2002
_	DDD020203	Debris for Direct Disposal from D&D&D of TAN 616		2,472	10/29/2002
44	ID-BCO-000	Containers	(2),(4)		4/1/1978
32	ID-BCO-203/203T	Sludge	(2),(4)		4/1/1978
2,958	ID-RFO-000/000T	Sludge	(2),(5)		4/1/1978
4,613	ID-RFO-003/003T	Sludge	(2),(5)		4/1/1978
	INEL11031	Debris		10	8/29/1980
_	INEL11074	Absorbed hexane and acid mixture		12	8/29/1980
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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
	NEL11080	Oii, TAN 607		156	8/29/1980
_	INEL11081	Oii, TAN 607		65	8/29/1980
	INEL11085	Debris, TAN 607		58	8/29/1980
	INEL11225	V-tank analysis residues		49	8/29/1980
_	INEL11235	V-tank analysis residues		5	8/29/1980
	INEL11242	V-tank analytical residue (lab debris)	(10)	6	9/9/1993
	INEL11711	WERF Ash Drum	(8)	123	8/29/1980
	INEL11712	WERF Ash Drum	(8)	122	8/29/1980
	INEL11714	WERF Ash Drum	(8)	93	8/29/1980
	INEL11835	WERF Ash Drum	(8)	129	8/29/1980
	INEL11836	WERF Ash Drum	(8)	158	8/29/1980
	INEL11837	WERF Ash Drum	(8)	127	8/29/1980
	INEL11838	WERF Ash Drum	(8)	110	8/29/1980
	INEL11839	WERF Ash Drum	(8)	136	8/29/1980
	INEL11840	WERF Ash Drum	(8)	06	8/29/1980
	INEL11841	WERF Ash Drum	(8)	127	8/29/1980
	INEL11842	WERF Ash Drum	(8)	127	8/29/1980
	INEL11843	WERF Ash Drum	(8)	126	8/29/1980
	INEL11844	WERF Ash Drum	(8)	131	8/29/1980
	INEL11845	WERF Ash Drum	(8)	131	8/29/1980
	INEL11846	WERF Ash Drum	(8)	86	8/29/1980
	INEL11847	WERF Ash Drum	(8)	126	8/29/1980
	INEL11848	WERF Ash Drum	(8)	158	8/29/1980
	INEL11849	WERF Ash Drum	(8)	123	8/29/1980
	INEL11850	WERF Ash Drum	(8)	126	8/29/1980
	INEL11851	WERF Ash Drum	(8)	131	8/29/1980
	INEL11852	WERF Ash Drum	(8)	149	8/29/1980

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
_	INEL11853	WERF Ash Drum	(8)	129	8/29/1980
4	INEL11854	WERF Ash Drum	(8)	126	8/29/1980
	INEL11855	WERF Ash Drum	(8)	123	8/29/1980
-	INEL11856	WERF Ash Drum	(8)	118	8/29/1980
-	INEL11857	WERF Ash Drum	(8)	127	8/29/1980
-	INEL11931 (NRF)	Paint Chips		152	9/29/1996
1	INEL11938 (NRF)	Paint Chips		21	4/13/1996
_	INEL8991 (NRF)	Paint Chips w/PCBs		က	9/18/1995
	INEL9852	Treatability study residue - liquid		32	8/29/1980
1	INTC000381	Listed Analytical Residue with PCB's		49	10/25/2000
-	INTC010348	Solidified Analytical Sample Residue		3	12/23/1999
_	INTC010378	Loft Sump Analytical Residue-CPP-602		S	3/8/2001
-	INTC020031	MLLW Liquids - WIR by Citation (with PCB's)		5	4/13/2000
	INTC020034	MLLW Lab Debris with PCB's - WIR by Citation		4	8/23/2001
_	INTC020131	MLLW Lab Debris with PCB's - WIR by Citation		9	10/7/1999
	INTC020163	Rad-contaminated PCB Ballasts & Cleanup Debris		9	5/9/2002
_	INTC020172	MLLW Liquids - WIR by Citation (with PCB's)		ဇ	5/3/2001
-	INTC020246	Backlog lead and/or lead debris shipped to INTEC for characterization		44	10/5/1997
_	INTC020257	MLLW Lab Debris with PCB's - WIR by Citation		4	10/21/1999
-	INTC020258	MLLW Lab Debris with PCB's - WIR by Citation		5	5/13/1999
-	INTC020316	MLLW Liquids - WIR by Citation (with PCB's)		ဗ	5/25/2000
-	INTC020480	MTRU Laboratory Analytical Waste with PCBs		37	9/26/2002
-	INTC030060	Mixed Haz. Debris - Waste Processing Operations - WIR by Citation		2,697	2/13/2003
-	INTC030063	Mixed Haz. Debris - Waste Processing Operations - WIR by Citation		2,195	2/4/2003
-	INTC20114	MTRU Laboratory Analytical Waste with PCBs		37	9/26/2002
	KWINEL573	Paint and Debris, KW-W014D - PCB Contaminated Waste	(9)	250	10/23/1998
	KWINEL860	KW-W014F PCB Contaminated Waste	(6) (10)	99	7/14/1999
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OUT OF
WEIGHT (Kg)
FOOTNOTE
DESCRIPTION
CONTAINER ID #
QUANTITY

				(1)	SERVICE DATE
-	KWINEL879	KW-W014F PCB Contaminated Waste	(6) (10)	4	9/10/1999
-	KWINEL909	KW-W014F PCB Contaminated Waste	(6) (10)	4	9/28/1999
-	KWINEL910	HEPA Filters and Prefilters	(6) (10)	4	9/28/1999
-	LCN-251 (NRF)	Met Cell Door, Item 18 (0.12 cubic feet = 0.003 cubic meters)	(6)	35	9/2/1999
-	MWSF990002	HEPA Filters and Prefilters	(9)	68	12/17/1996
-	MWSF990003	HEPA Filters and Prefilters	(9)	70	12/27/1996
-	MWSF990004	HEPA Filters and Prefilters	(9)	40	9/24/1998
-	MWSF990005	HEPA Filters and Prefilters	(9)	78	3/21/1997
1	MWSF990006	HEPA Filters and Prefilters	(9)	29	12/27/1996
-	NRF000025 (NRF)	Pentek Canister, Paint Chips, HCLA		204	10/31/1999
1	NRF000091 (NRF)	Shield Blocks Painted Elemental Lead		293	1/6/2000
_	NRF000092 (NRF)	Shield Blocks Pained Elemental Lead		275	1/7/2000
•	NRF000096 (NRF)	Paint Chips and Debris		9	6/30/1999
-	NRF000108 (NRF)	S1W Remediation Waste PCB >=50 ppm		171	2/8/2000
_	NRF000109 (NRF)	S1W Remediation Waste PCB >=50 ppm		155	2/8/2000
_	NRF000110 (NRF)	S1W Remediation WastePCB >=50 ppm		142	2/8/2000
-	NRF000111 (NRF)	S1W Remediation Waste PCB >=50 ppm		53	2/8/2000
-	NRF000246 (NRF)	PCB Heavy Metal Debris/Asbestos		55	8/16/1999
_	NRF000277 (NRF)	RCRA/PCB Paint Chips and Debris		15	10/6/1999
_	NRF000321 (NRF)	Vacuum Canisters/Paint Chips		55	4/5/2000
_	NRF000323 (NRF)	Metal With PCB and Lead Paint		11	3/17/1999
-	NRF000414 (NRF)	Vacuum Cleaner/Paint Chips		56	6/14/2000
	NRF000415 (NRF)	Vacuum Cleaner/Paint Chips/Asbestos		47	6/14/2000
-	NRF000416 (NRF)	RCRA/PCB Paint Chips & Cont. Debris		9	3/13/2000
-	NRF000456 (NRF)	PCB, Paint Chips, Wood		120	6/30/2000
-	NRF000457 (NRF)	PCB, Concrete, Paint Chips, Wood		125	6/30/2000
-	NRF000475 (NRF)	Paint Chips and Debris		9	4/26/2000
		Page 9 of 17		EPA ID	EPA ID # ID4890008952

Radioactive and Mixed PCB Waste Inventory Calendar Year 2002

QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
-	NRF000477 (NRF)	Vacuum Canister Hose		47	7/24/2000
-	NRF000499 (NRF)	Vacuum Canisters ECF-12		84	10/14/1999
_	NRF000500 (NRF)	Vacuum Canisters ECF-73		58	10/14/1999
_	NRF000501 (NRF)	Vacuum Canisters		62	8/21/2000
-	NRF000522 (NRF)	Pentek Drums		226	6/22/2000
-	NRF010144 (NRF)	Vacuum Canister ECF-2 (Concrete and Paint Chip Debris) Vacuum Hose, & Gloves.	«ŏ	29	12/7/2000
-	NRF010155 (NRF)	Pentek Drum with Asbestos, NRF-10		58	2/6/2001
_	NRF010156 (NRF)	Pantek Drum AFX-5		61	2/6/2001
-	NRF010236 (NRF)	PCB, Heavy Metal Debris		27	11/12/1999
-	NRF020039 (NRF)	Drum with Vacuum Canister NRF 46		54	2/19/2002
-	NRF020040 (NRF)	Drum with Vacuum Canister NRF 713		59	2/19/2002
_	NRF020187 (NRF)	PCB Heavy Metal Debris		13	8/15/2002
-	NRF020246 (NRF)	Drum with Vacuum Canister aff HEPA Vac 47		20	9/23/2002
-	NRF020252 (NRF)	PCB Paint Chips & Debris		25	5/20/2001
-	NRF030077 (NRF)	Drum of Bodine Motors/PCBs		06	8/14/2002
-	NRF030118 (NRF)	Radioactive, PCB, Lead and Chromium contaminated Non-Incinerable Waste	ste	43	10/9/2002
-	NRF030171 (NRF)	PCB Painted Raymond Forklift		2,109	12/18/2002
-	NRF990028 (NRF)	PCB, RCRA, Paint chips from Quanterra		9	4/22/1999
_	NRF990038 (NRF)	PCB, RCRA, Paint chips, Heavy Metal Debris		49	10/29/1998
_	NRF990039 (NRF)	PCB, RCRA, Paint Chips, Heavy Metal Debris		20	10/29/1998
	NRF990040 (NRF)	PCB, RCRA, Asbestos Debris		36	10/1/1998

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10/2/1999

5/26/1999

6)

7/27/1999 8/16/1999 6/29/1999

55 64 151 153 364

PCB, Heavy Metal, Debris Paint Chips

NRF990112 (NRF) NRF990115 (NRF) NRF990122 (NRF)

Pentek Drum, Paint Chips, HCLA Pentek Drum, Paint Chips, HCLA Fuel Depletion Wire Cask (1537)

> NRF990123 (NRF) S5G Basin - 21 (NRF)

PCB, RCRA Pipe Flanges

Radioactive and Mixed PCB Waste Inventory

Calendar Year 2002

QUANTITY	CONTAINER ID#	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
-	S5G Basin - 22 (NRF)	Bag of Compactable PCB Waste from PCB Ballast Spill Cleanup		2	6/4/2001
γ	S5G Basin - 23 (NRF)	Light Fixture from PCB Ballast Spill		7	6/4/2001
_	TAN000042	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
_	TAN000043	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
-	TAN000044	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
τ	TAN000045	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
_	TAN000046	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
_	TAN000047	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
	TAN000048	V-Tank Samples (TAN-607-108-A)		27	11/19/1999
_	TAN000122	Solid, PPE and Sampling Debris		55	9/14/2000
	TAN000268	TAN PPE from V-Tank Sampling, (V-Tank associated = PCB contamination)	ou)	-	12/6/2000
	TAN000279	TAN-616 Sampling Waste		41	12/14/2000
_	TAN000296	Sampling Debris From TAN-616 Evap. Pit		20	1/17/2001
-	TAN010053	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		47	4/24/2001
-	TAN010057	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		45	4/30/2001
-	TAN010065	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		49	5/3/2001
-	TAN010071	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		69	5/9/2001
	TAN010075	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		40	5/9/2001
_	TAN010076	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		06	5/9/2001
•	TAN010077	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		82	5/9/2001
_	TAN010087	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		73	5/9/2001
-	TAN010110	Remediation Waste, (Tan V-9 Tank)		792	6/28/2001
_	TAN010111	Remediation Waste, (Tan V-9 Tank)		272	6/28/2001
_	TAN020068	Debris for Direct Disposal from D&D&D of TAN 616		898	7/25/2002
_	TAN990027	Debris and PPE (V-Tank)		34	11/4/1997
τ-	TAN990028	Debris and PPE (V-Tank)		32	11/4/1997
	TAN990029	Debris and PPE (V-Tank)		34	5/21/1997
		Page 11 of 17		# UI VE	EDA ID # ID4890008952

Radioactive and Mixed PCB Waste Inventory Calendar Year 2002

OUT OF	SERVICE
WEIGHT (Kg)	£
FOOTNOTE	
DESCRIPTION	
CONTAINER ID #	
QUANTITY	

UANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
	TAN990031	Debris and PPE (V-Tank)		32	11/25/1997
	TAN990032	Debris and PPE (V-Tank)		35	11/26/1997
	TAN990037	Debris and PPE (V-Tank)		86	9/16/1998
	TAN990038	Debris and PPE (V-Tank)		81	9/16/1998
	TAN990039	Debris and PPE (V-Tank)		73	9/16/1998
	TAN990040	Debris and PPE (V-Tank)		29	9/16/1998
	TAN990041	Debris and PPE (V-Tank)		39	10/28/1998
	TAN990042	Debris and PPE (V-Tank)		31	10/20/1998
	TAN990043	Debris and PPE (V-Tank)		30	4/28/1999
	TAN990044	Debris and PPE (V-Tank)		32	6/15/1999
	TAN990303	Debris from IET Sump #9		240	12/7/1999
	TAN990304	Debris from IET Sump #9		195	12/7/1999
	TAN990305	Debris from IET Sump #9		227	12/7/1999
·	TAN990306	Debris from IET Sump #9		159	12/7/1999
	TAN990308	Debris from IET Sump #9		295	12/7/1999
	TAN990309	Debris from IET Sump #9		141	12/7/1999
	TAN990310	Debris from IET Sump #9		249	12/7/1999
	TAN990387	TAN-616 VCO Samples		3	12/22/1993
	TNC-00-252 (NRF)	PCB Contaminated Debris		1,743	11/27/2000
	TNC-00-385 (NRF)	HLL PCB Contaminated Debris & Guard Shack Metal Doors coated with PCB laden paint		991	8/8/2002
	TNC-98-076 (NRF)	PCB Laden paint on Lab Storage Racks Cylinders and End Caps		3,507	7/29/2002
	TNC-98-1156 (NRF)	PCB Bulk Product Waste		55	10/1/2002
	TRA000053	Debris from Sampling Activities at TRA		15	2/3/2000
	TRA000358	HEPA Vacuum Fines, Filters & Contaminated PPE		53	10/31/2000
	TRA020158	PCB Contaminated Ballasts		64	7/15/2002
	TRA020249	PCB contaminated RCRA debris		135	7/29/2002

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Radioactive and Mixed PCB Waste Inventory Calendar Year 2002

QUANTITY	CONTAINER ID#	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	TRA-603-CANAL-A #1	Paint chips from wall		0	7/12/2001
-	TRA-603-CANAL-A #2	Paint chips from floor		0	7/12/2001
_	TRA-603-CANAL-A #3	Paint chips from floor		0	8/16/2001
_	TRA-604-110A-6051	Labware from analysis		0	2/10/2000
_	TRA-604-110A-6064	Empty centrifuge tubes from analysis		0	11/1/2000
	TRA-604-110A-6065	Columns from alpha spec analysis		0	11/1/2000
	TRA-604-110A-6066	Analysis residue from alpha spec. analysis		0	11/1/2000
-	TRA990111	Debris from Sampling at TRA		30	12/21/1999
	TS-023 (NRF)	FIXED SHIELD WALL 5 & 6	(6)	5,455	12/21/1996
_	TS-077 (NRF)	Hot Cell-4 Vent Duct Shield Block	(6)	196	10/1/1997
_	TS-100 (NRF)	WAPD 39-1 and SKID	(6)	8,573	3/25/1998
-	TS-158 (NRF)	PCB Painted Lead, Drum #55-97-219-63-F		601	12/20/1996
1	TS-159 (NRF)	MOVABLE SHIELD DOOR , CELL 5& 6	(6)	4,318	12/4/1996
1	TS-167 (NRF)	Bucket of Kim Wipes From ECF High Bay Decon Shop Ballast Spill		4	3/8/1997
1	TS-168 (NRF)	Light Fixture ECF Decon Shop Ballast-Spill		S	3/8/1997
-	٧-1	Sludge from tank	(7)	1,970	8/29/1980
_	٧-2	Sludge from tank	(7)	1,970	8/29/1980
_	٧-3	Sludge from tank	(7)	2,465	8/29/1980
_	6-7	Sludge from tank	(7)	1,210	8/29/1980
_	VTANK-001	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	11/5/1997
_	VTNK-002	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	37	4/28/1999
_	VTNK-003	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	53	9/21/1993
_	VTNK-004	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
*	VTNK-005	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
_	VTNK-006	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
-	VTNK-007	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
_	VTNK-008	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
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Radioactive and Mixed PCB Waste Inventory Calendar Year 2002

QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
_	VTNK-009	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	48	9/21/1993
τ-	VTNK-010	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
_	VTNK-011	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	48	9/21/1993
-	VTNK-012	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
	VTNK-013	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
	VTNK-014	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	46	9/21/1993
_	VTNK-015	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
_	VTNK-016	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
-	VTNK-017	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	36	9/21/1993
	VTNK-018	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
-	VTNK-019	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	37	9/21/1993
_	VTNK-020	TAN Incinerable Debris (V-Tank associated ≈ PCB Contaminated)	(3)	41	9/21/1993
-	VTNK-021	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
_	VTNK-022	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
_	VTNK-023	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	42	9/21/1993
_	VTNK-024	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
_	VTNK-025	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
_	VTNK-026	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
_	VTNK-027	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
_	VTNK-028	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
_	VTNK-029	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	35	9/21/1993

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9/21/1993

51

9/21/1993

9/21/1993 9/21/1993 9/21/1993 9/21/1993

38

TAN Incinerable Debris (V-Tank associated = PCB Contaminated)

VTNK-030

VTNK-031 VTNK-032 VTNK-033

VTNK-034 VTNK-035

44 41 39

(3) (3) (3) (3) (3) (3) (3)

Radioactive and Mixed PCB Waste Inventory Calendar Year 2002

QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
	VTNK-036	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
-	VTNK-037	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
_	VTNK-038	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	4	9/21/1993
_	VTNK-039	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
-	VTNK-040	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
-	VTNK-041	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	09	9/21/1993
-	WAG010091	V-Tank Altered and Unaltered Sample Returns		5	11/19/1999
-	WAG010092	V-Tank Altered and Unaltered Sample Returns		5	11/19/1999
-	WAG010093	V-Tank Altered and Unaltered Sample Retums		5	11/19/1999
-	WAG010094	V-Tank Altered and Unaltered Sample Returns		4	11/19/1999
-	WAG010095	V-Tank Altered and Unaltered Sample Returns		4	11/19/1999
	WAG010096	V-Tank Altered and Unaltered Sample Returns		5	11/19/1999
-	WAG010097	V-Tank Altered and Unaltered Sample Returns		7	11/19/1999
*-	WAG010099	V-Tank Altered and Unaltered Sample Returns		38	4/24/1997
_	WAG010100	V-Tank Altered and Unaltered Sample Returns		43	4/24/1997
-	WAG010101	V-Tank Altered and Unaltered Sample Returns		20	4/24/1997
₹-	WAG010102	V-Tank Altered and Unaltered Sample Returns		22	8/24/1997
_	WAG010167	Remediation Waste, (Tan V-9 Tank)		25	11/7/2001
-	WAG010241	ARA-02 PPE and Debris		32	7/11/2001
	WAG010242	ARA-02 PPE and Debris		34	7/11/2001
-	WAG010243	ARA-02 PPE and Debris		29	7/11/2001
-	WAG010264	WAG 5: ARA-16 Sludge from tank 729		703	8/14/2001
-	WERF01000	Rad-contaminated PCB ballasts		80	3/7/2001
-	WERF010008	Rad-contaminated PCB ballasts		89	3/8/2001
-	WERF010351	WERF Ash Drum	(8)	Ω	11/25/1996
-	WERF010402	PCB Contaminated Debris		38	8/29/1980
_	WERF010403	PCB Contaminated Debris		49	8/29/1980
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Radioactive and Mixed PCB Waste Inventory Calendar Year 2002

QUANTITY	CONTAINER ID#	DESCRIPTION	FOOTNOTE	WEIGHT (Kg)	OUT OF SERVICE DATE
1	WERF010404	PCB Contaminated Debris		44	8/29/1980
-	WERF010405	PCB Contaminated Debris		ဇ	8/29/1980
_	WERF010406	PCB Contaminated Debris		34	8/29/1980
-	WERF010407	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS		49	3/18/1994
-	WERF010408	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS		87	3/18/1994
_	WERF010409	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS		46	3/18/1994
•	WERF010410	PCB AND RADIOACTIVELY CONTAMINATED SOIL AND DEBRIS		15	4/3/1995
_	WERF010411	PCB AND RADIOACTIVELY CONTAMINATED DEBRIS		က	4/3/1995
_	WERF010412	PCB Debris		85	4/3/1995
_	WERF010413	Mixed Low Level Waste Material Containing PCB's		11	4/13/1993
-	WERF010414	Mixed Low Level Waste Material Containing PCB's		69	4/13/1993
_	WERF010415	Mixed Low Level Waste Materials Containing PCBs - TSCA Regulated		4	4/13/1993
_	WERF010416	Mixed Low Level Waste Material Containing PCB's		68	4/13/1993
+	WERF010418	Paint Removal Waste		16	1/28/1997
_	WERF010419	Paint Removal Waste		22	7/6/1999
_	WERF010420	Paint Removal Waste (PCB contaminated)		က	1/28/1997
₹-	WERF010421	Mixed Waste (RCRA and PCB) Contaminated Incinerable Material from ARA- 627 piping removal	RA-	4	10/23/1997
	WERF010422	Mixed Waste (RCRA and PCB) Contaminated Incinerable Material from ARA- 627 piping removal	RA-	က	10/23/1997
_	WERF020055	Returned PCB rad samples from General Engineering Laboratories, Inc.		32	11/25/2002
	WERF020064	Returned PCB rad samples from General Engineering Laboratories, Inc. and PPE generated gathering samples	pu	83	4/3/2002
-	WERF020087	WERF - Verified Debris Waste for MACRO		1,898	10/5/2000

Radioactive and Mixed PCB Waste Inventory

Calendar Year 2002

CONTA
QUANTITY

NER ID#

DESCRIPTION

FOOTNOTE

WEIGHT (Kg)

OUT OF SERVICE DATE

Total Number of Items:

8067

Total Weight:

73,231

Total Weight. For most items stored in containers, the weight includes the container weight. Weights are rounded to the nearest kilogram.

Container removed from service prior to promulgation of TSCA are assigned OOS date of 4/1/78. 62

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Containers generated as a result of sorting and segregation of 21 cargo containers (reported in CY99 as containers 21139k and 21226K through 21273K)

Containers associated with wastestream ID-BCO-203/203T and ID-BCO-000 are suspected/potential PCB's and are unknown waste respectively, from Battelle Columbus Laboratories. Containers are stored at RWMC. No weights are avaiable due to storage configuation of the containers (earthen covered storage).

Containers associated with wastestream ID-RFO-003/003T and ID-RFO-000/000T are organic sludges and unknown wastes respectively, generated at Rocky Flats prior to 1980 and stored at the INEEL. Waste are known or suspected to contain PCB's, but have not been fully characterized. Quantity estimates are based on EDF-RWMC-604 dated 6/3/93. Containers in multiple storage 9

Waste generated at Knolls Atomic Power Laboratory, in Connecticut. Waste is being stored at the Mixed Waste Storage Facility.

Estimated quantity of liquid and sludge in tanks. Tanks V-1, V-2, and V-3 estimated also to contain 1164, 1076, and 5818 gallons of non-PCB contaminated water, respectively.

WERF ash is included in this inventory for the purpose of the settlement agreement of the FFNOSN (1/2000).

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Items Indicated were shipped in CY 2002 without manifests. Manifests were generated for these Items In CY2003. Both EPA Region's IV and X were notified of this activity.

Container Date is used when OOS Date is not available (10)

Section III:

Radioactive/PCB Waste Disposed

During Calendar Year 2002

Radioactive PCB Waste Disposed Calendar Year 2002

QUANTITY	CONTAINER ID #	DESCRIPTION	WEIGHT (Kg) (1)	DATE OF DISPOSAL (2)
1	ARA000060	WAG5 ARA-13 distribution box CERCLA cleanup waste	52	5/6/2002
_	D&D010088	TAN-616 Low-level waste, Bulk items with PCB Paint	937	2/14/2002
-	D&D010089	TAN-616 Low-level waste, Bulk items with PCB Paint	889	2/14/2002
_	D&D010090	TAN-616 Low-level waste, Bulk items with PCB Paint	1,039	2/14/2002
-	D&D010091	TAN-616 Low-level waste	735	2/14/2002
-	D&D010092	TAN-616 Low-level waste	1,569	2/14/2002
₩.	D&D010093	TAN-616 Low-level waste	839	2/14/2002
4	NRF020001 (NRF)	Coolant Pump Casing Cover & Shipping Container (Volute Cover 1539)	1,664	2/11/2002
-	NRF020018 (NRF)	M130 D1G-1 Module Holders of Non-Compactable Metal Rad PCB Bulk Product Waste	2,382	1/31/2002
-	NRF020019 (NRF)	M130 D1G-1 Module Holders of Non-Compactable Metal Rad PCB Bulk Product Waste	2,336	1/31/2002
-	NRF020020 (NRF)	M130 D1G-1 Module Holders of Non-Compactable Metal Rad PCB Bulk Product Waste	2,245	1/31/2002
-	NRF020021 (NRF)	M130 D1G-1 Module Holders of Non-Compactable Metal Rad PCB Bulk Product Waste	2,336	1/31/2002
-	NRF020022 (NRF)	M130 D1G-1 Module Holders of Non-Compactable Metal Rad PCB Bulk Product Waste	2,345	1/31/2002
	NRF020023 (NRF)	M130 D1G-1 Module Holders of Non-Compactable Metal Rad PCB Bulk Product Waste	2,364	1/31/2002
	NRF020109 (NRF)	PCB Bulk Product Waste	1,014	6/17/2002
•	NRF020170 (NRF)	HLCL Waste Cylinder High Level Gray/Pentek	1,309	8/20/2002
***	NRF020247 (NRF)	PCB Bulk Product Waste	1,943	12/5/2002
_	TAN010212	TAN-616 Low-level waste	726	2/25/2002
_	TAN010213	TAN-616 Low-level waste	975	2/25/2002
_	TAN010214	TAN-616 Low-level waste	785	2/25/2002
-	TAN010215	TAN-616 Low-level waste	975	2/25/2002
_	TAN010216	TAN-616 Low-level waste	930	2/25/2002
_	TAN010217	TAN-616 Low-level waste	666	2/25/2002

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Radioactive PCB Waste Disposed

Calendar Year 2002

QUANTITY	CONTAINER ID #	DESCRIPTION	WEIGHT (Кg) (1)	DATE OF DISPOSAL (2)
			567	2/25/2002
-	TAN010218	TAN-616 Low-level waste	1.415	2/25/2002
	TAN010219	I AN-616 Low-level waste	703	2/25/2002
_	TAN010220	TAN-616 Low-level waste	000	5/1/2002
	TAN010221	TAN-616 Low-level waste	60 00 00 00 00 00 00 00 00 00 00 00 00 0	2007119
	TAN010222	TAN-616 Low-level waste	624	0,0,2,0,0
Total Number of Items:	ns: 28	Total Weight :	1: 35,586	

Total Weight. Weights are rounded to the nearest kilogram.

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