ERIAL	HOW GENERAGED	TOTAL WEIGHT OF WASTE (LBS)	PCB* (KG)	DATE WASTE GENERATED	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
ids	Retrofitting of Small Scale	1072	0.21	3/6/85-5/8/85	3/6/85-5/8/85	Sistersvil[illegible]e	5/18/85	Rollins Env. Ser. (TX)	(1) (2)
ulatio[illegible]	Production Heat Transfer System	278	0.05	3/6/85-5/8/85	3/6/85-5/8/85	Sistersvil[illegible]e	5/18/85	"	" "
rminol 0		13802	1.19	"	"	"	"	"	" "

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = $\frac{(Gal)(3.76)(190\ ppm)}{10^6}$

(1) Sistersville Plant storage site - owned and operated by Union Carbide Corp.

(2) Rollins Environmental Services, Inc. (TX) Location Deer Park, Texas

EPARED BY J. G. Orr

JGO

1987

ANNUAL PCB REPORT

UNION CARBIDE CORPORATION

SISTERSVILLE, WV

LIQUID FILLED POWER CAPACITORS

YEAR 1987

PCB ANNUAL INVENTORY

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
(1)	Sub B NE Wall	3.1	17.6						
(2)	"	"	"						
(3)	"	"	"						
(4)	"	"	"						
(5)	Comp Bldg. 12 MCC	"	"						
(6)	"	"	"						
7	Steam Plant C-117E	"	"	1/82	1/82	Paden City	12/6/82	ENSCO	(1),(2)
8	"	"	"	"	"	"	"	"	"
9	Starter E Elliott Bld	"	"	10/2/85	10/2/85	Sistersville Plant	10/1/86	CHEM WSTE	(4)
10	"	"	"	"	"	"	"	"	"
11	"	"	"	"	"	"	"	"	"
12	"	"	"	"	"	"	"	"	"
(13)	Sub A MCC	"	"						
(14)	"	"	"						
(15)	"	"	"						
16	Sub E1	10.0	56.8	9/16/86	9/16/86	Sistersville Plant	8/13/87	UNISON	(5)
17	"	"	"	"	"	"	8/13/87	UNISON	(5)
(18)	Sub E1 & E2	3.1	17.6						
(19)	"	"	"						
(20)	"	"	"						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS:
(1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al
(5) UNISON-Charlotte, N.C. 28224

PREPARED BY J. G. Orr

LIQUID FILLED POWER CAPACITORS

YEAR 1987

PCB ANNUAL INVENTORY

TAG NO	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
21	Sub E1 & E2	3.1	17.6						
22	"	"	"						
23	"	"	"						
24	"	"	"						
25	"	"	"						
26	"	"	"						
27	"	"	"						
28	"	"	"						
29	"	"	"						
30	Poly I Tank Farm MCC	"	"	12/26/85	12/26/85	Sistersville Plant	10/1/86	CHEM WSTE	(4)
31	"	"	"	"	"	"	"	"	"
32	"	"	"	"	"	"	"	"	"
33	"	"	"	"	"	"	"	"	"
34	"	"	"	"	"	"	"	"	"
35	"	"	"	"	"	"	"	"	"
36	Sub G MCC	"	"						
37	"	"	"						
38	Sub B MCC	"	"						
39	"	"	"						
40	"	"	"						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS:
(1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

PREPARED BY G. Orr

PCB ANNUAL INVENTORY

YEAR 1987

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
41	Sub B MCC	3.1	17.6						
42	"	"	"						
43	"	"	"						
44	"	"	"						
45	"	"	"						
46	"	"	"						
47	"	"	"						
48	"	"	"						
49	"	"	"						
50	"	"	"						
51	"	"	"						
52	"	"	"						
53	Small Scale (SSP)	"	"	11/22/86	11/22/86	Sistersville Plant	8/13/87	UNISON	(5)
54	Sub D MCC	"	"						
55	"	"	"						
56	"	"	"	2/11/86	2/11/86	Sistersville Plant	10/1/86	CHEM WSTE	(4)
57	"	"	"						
58	Basement Bldg. 1	"	"	2/4/87	2/4/87	Sistersville Plant	8/13/87	UNISON	(5)
59	"	"	"	2/4/87	2/4/87	Sistersville Plant	8/13/87	UNISON	(5)
60	"	"	"	2/4/87	2/4/87	Sistersville Plant	8/13/87	UNISON	(5)

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS:
(1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al
(5) UNISON-Charlotte, N.C. 28224

PREPARED BY J. G. Orr

LIQUID FILLED POWER CAPACITORS

PCB ANNUAL INVENTORY

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
61	Basement Bldg. 1	3.1	17.6	2/4/87	2/4/87	Sistersville Plant	8/13/87	UNISON	(5)
62	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	"	"	"	"	"	"	"	"	"
64	"	"	"	"	"	"	"	"	"
65	"	"	"	"	"	"	"	"	"
66	"	"	"	"	"	"	"	"	"
67	"	"	"	"	"	"	"	"	"
68	"	"	"	"	"	"	"	"	"
69	"	"	"	"	"	"	"	"	"
70	"	"	"	"	"	"	"	"	"
71	"	"	"	"	"	"	"	"	"
72	"	"	"	11/6/78	11/7/78	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
73	"	"	"	"	"	"	"	"	"
74	"	"	"	"	"	"	"	"	"
75	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
76	Old 42 MCC	"	"						
77	"	"	"						
78	"	"	"	3/6/79	3/7/79	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
79	"	"	"	"	"	Paden City	12/6/82	ENSCO	(1),(2)
80	"	"	"	"	"	"	"	"	"

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS:
(1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al
(5) UNISON-Charlotte, N.C. 28224

PREPARED BY J. G. Orr

LIQUID FILLED POWER CAPACITORS

PCB ANNUAL INVENTORY

YEAR 1987

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
81	Old 42 MCC	3.1	17.6	3/6/79	3/7/79	Paden City	12/6/82	ENSCO	(1), (2)
82	"	"	"	"	"	"	"	"	"
83	"	"	"	"	"	"	"	"	"
84	"	"	"	"	"	"	"	"	"
85	"	"	"	"	"	"	"	"	"
86	"	"	"	"	"	"	"	"	"
87	"	"	"	"	"	"	"	"	"
88	"	"	"	"	"	"	"	"	"
89	"	"	"	"	"	"	"	"	"
90	"	"	"	"	"	"	"	"	"
91	"	"	"	"	"	"	"	"	"
92	"	"	"	"	"	"	"	"	"
93	"	"	"	"	"	"	"	"	"
94	"	"	"	"	"	"	"	"	"
95	Bldg. 33	"	"	10/8/87	10/8/87	Sistersville Plant			
96	Sub B Bank B3A	"	"						
97	"	"	"						
98	Sub B Bank B3B	"	"						
99	"	"	"						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

PREPARED BY J. G. Orr

TRANSFORMERS

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
25	Sub 32-H-1	630	0.4	11/15/84	N/A	N/A	See (1)	See (1)	PCB content = 112 ppm (6/14/84 Retest)

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for dielectric fluid. Kg PCB = $\frac{(Gal)(5.675)(PPM)}{10^6}$

NOTES: (1) Transformer 25 sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to a non-PCB transformer. Shipped on 11/15/84.

PREPARED BY J. G. Orr

HEAT TRANSFER FLUIDS

MATERIAL	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL) or lbs	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
Therminol 60	Small Scale Production Heat Transfer System	1665	1.19	3/6-5/8 1985	3/6-5/8/85	Sistersville	5/18/85	Rollins Envir.	(1)
Solids	"	1072 lbs	0.21	"	"	"	"	"	"
Insulation	"	278 lbs	0.05	"	"	"	"	"	"

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = $\frac{(Gal)(3.76)(190\ ppm)}{10^6}$

(1) Rollins Environmental Services, Inc. Located in Deer Park, Texas

PREPARED BY J. G. Orr

YEAR 1987

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

	Quantity	x PCB's (Kg Each)	= PCB's (Kg Total)
1. Capacitors in Service on 12/31/87	47	17.6	827.2
Total	47		827.2
2. Capacitors Removed from Service and Placed in Storage in 1987	5	-	88
3. Capacitors in Storage from Previous Year on 1/1/87	3	-	52.8
4. Capacitors Transported from Storage to Disposal in 1987	7	-	123.2
5. Capacitors in Storage on 12/31/87 (2+3-4)	1	-	17.6
6. Capacitors Transported to Disposal in Previous Years	44	17.6	774.4
Total of 1 + 4 + 5 + 6	99		1742.4
Capacitors in Service on 7/2/78	99		1742.4

47 + 7 = 51.

99 - 51 = 48.

PREPARED BY J. G. Orr

V.11A.12

MPM0001258

EPA005284

YEAR 1987

PCB ANNUAL INVENTORY

TRANSFORMERS

	Quantity	x	PCB's (Kg Each)	=	PCB's (Kg Total)
1. Transformers in Service on 12/31/87	0		-		0
2. Transformers Removed from Service in 1987	0				0
3. Transformers in Storage from Previous Year(s) on 1/1/87	0		-		0
**4. Transformers Transported Off-Site in 1987	0		0		0
5. Transformers in Storage on 12/31/87 (2+3-4)	0		-		0
6. Transformers Transported in Previous Years	1		-		0.4
Total of 1 + 4 + 5 + 6	1				0.4
*Transformers in Service on 7/2/78	1				0.4

*Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm; previously used PCB content was 99 ppm.

**Transformer sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to non-PCB transformer. Shipped 11/15/84.

PREPARED BY J. G. Orr

V.02A.26

YEAR 1987

PCB ANNUAL INVENTORY

HEAT TRANSFER FLUIDS

	PCB's (Kg Total)
1. Heat Transfer Fluid in Service on 12/31/87	0
2. Heat Transfer Fluid Removed from Service and Placed in Storage in 1987	0
3. Heat Transfer Fluid in Storage from Previous Year on 1/1/87	0
4. Heat Transfer Fluid Transported from Storage to Disposal in 1987	0
5. Heat Transfer Fluid in Storage on 12/31/87	0

PREPARED BY J. G. Orr

PCB ANNUAL INVENTORY

Heat Transfer Fluids

MATERIAL	HOW GENERAGED	TOTAL WEIGHT OF WASTE (LBS)	PCB* (KG)	DATE WASTE GENERATED	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPO FACIL
Solids	Retrofitting of Small Scale	1072	0.21	3/6/85-5/8/85	3/6/85-5/8/85	Sistersvill	e 5/18/85	Rolli Env. (TX)
Insulation	Production Heat Transfer System	278	0.05	3/6/85-5/8/85	3/6/85-5/8/85	Sistersvill	e 5/18/85	"
Therminol 60		13802	1.19	"	"	"	"	"

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = (Gal)(3.76)/10

(1) Sistersville Plant storage site - owned and operated by Union Carbide Corp.

(2) Rollins Environmental Services, Inc. (TX) Location Deer Park, Texas

PREPARED BY J. G. Orr

MPM0001261

EPA005287