

APR 21 1992

HARDWICK ELECTRIC DEPARTMENT
P. O. BOX 516
HARDWICK, VERMONT 05843

(802) 472-5201

April 21, 1992

Ms. Sherri Kasten
Hazardous Waste Management Division
Vermont Department of Environmental Conservation
West Office Building
103 South Main
Waterbury, VT 05671-0404

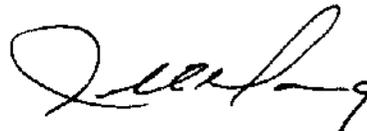
Dear Ms. Kasten;

Pursuant to our telephone conversation earlier today, please find enclosed a copy of a report on disposal and clean-up activities that occurred in the warehouse area of the Hardwick Electric Department during 1989.

I became General Manager of the Hardwick Electric Department on November 1, 1990. Obviously, the activities described in the report occurred prior to my tenure and therefore I must qualify the enclosed by stating that to the best of my knowledge it is a true and accurate report.

Should you have any questions, please contact me.

Sincerely,



Jack E. Young
General Manager

JEY:mac
enc

APR 23 1992

HARDWICK ELECTRIC DEPARTMENT

P.O. Box 516

Hardwick, Vermont 05843

(802) 472-5201 • 472-3388

April 16, 1992

To Whom it May Concern:

In the summer of 1987, the State of Vermont came to the garage area of the Hardwick Electric Department (HED). On said date, a range of tests and bore samples were taken. This letter is a follow up as to what has been done on this site.

1. On January 6, 1989, 18 drums and 112 discarded transformers were shipped to Coffeyville, Kansas for disposal. Attached to letter are copies of the list of drums, their contents and 112 company numbers of transformers shipped.

2. On December 21, 1989, we were contacted by Aptus with a letter confirming all 18 drums and 111 transformers and their oil had indeed been disposed by incineration. One transformer had to be put in a landfill because it contained more than 500ppm of P.C.B. At that time, Aptus had not received federal OK to incinerate anything with more than 500ppm. While readying the transformers and drums for transport, three areas around the garage were scraped down and all the debris put in barrels and shipped with before mentioned drums and transformers. Specifically drums D007, D011 and D013. The three areas involved in the scrape down are indicated on attached map and are : 1. Behind the parking lot area. 2. Between parking lot area and Big substation. 3. In front of two 10,000 gallon oil drums. Area one was scraped down and dug up with back-hoe for test samples. Area 2 was bore tested and scraped down because in earlier years transformers had been torn down there. Area 3 was dug up by hand and material put in drum. This is where loads of oil are unloaded into 10,000 gallon tanks.

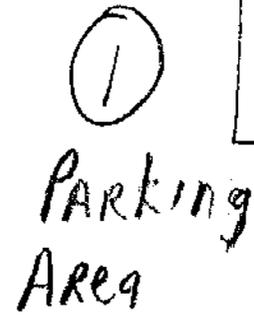
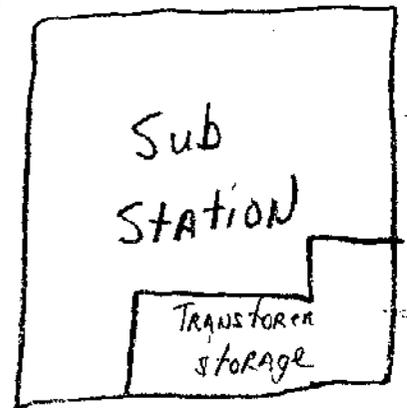
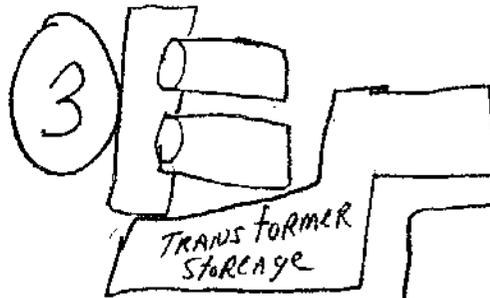
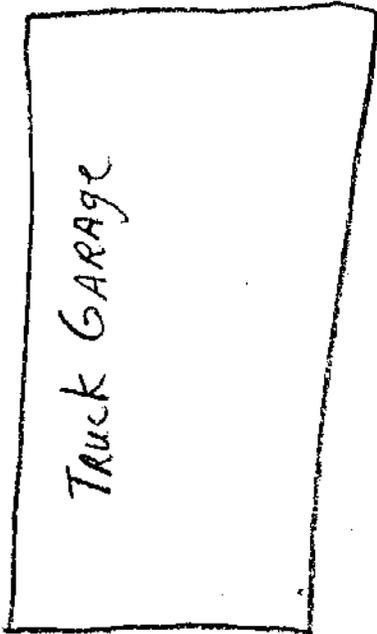
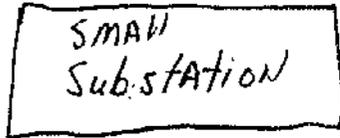
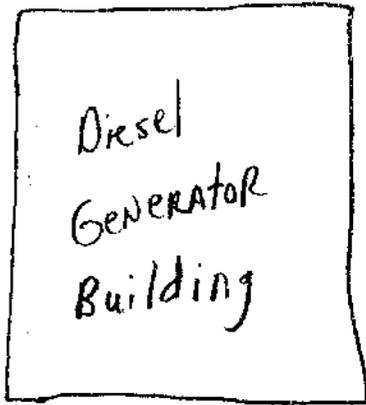
On June 1, 1989, after drums and transformers were shipped, we laid a layer of sand, then a layer of plastic, another layer of sand and finally a layer of 1" pea-stone. This was done so that in case of a spill in these areas where transformers are stored, the oil would be contained in the first layer of sand and clean-up made easier. There have been no spills to date. Areas where transformers are stored will be highlighted in yellow. This is, of course, also where the layers of sand and pea-stone are.

Attached to letter you will find:

1. List of drums and brief description of contents
2. List of transformers
3. Map of 3 scrap down areas numbered 1,2, or 3 and the layers of sand, plastic and pea-stone highlighted in yellow

4. Photo copies of hazardous waste manifest that you should already have
5. Photo copies of certificate of disposal from Aptus
6. Plexus Engineering Group Work Plan

APR 23 1992



APR 23 1997

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2000-0404, Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. VT P 000000136037		Manifest Document No.		2. Page 1 of 2		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address HARDWICK ELECTRIC LIGHT DEPT. WOODBURY ROAD, HARDWICK, VT 05843						A. State Manifest Document Number VT 0017989							
4. Generator's Phone (802) 472-5567						B. State Generator's ID							
5. Transporter 1 Company Name HAZMAT ENVIRONMENTAL GROUP, INC.			6. US EPA ID Number NY D 090769247			C. State Transporter's ID							
7. Transporter 2 Company Name			8. US EPA ID Number			D. Transporter's Phone (716) 977-5533							
9. Designated Facility Name and Site Address APTUS P.O. BOX 1328/INY, 159 NORTH COFFEYVILLE, KS 67337						10. US EPA ID Number KS ID 091810964052							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt./Vol		15. Waste No.	
a. RO WASTE HAZARDOUS SUBSTANCE, SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188						1		1		P		VT01	
b. RO WASTE HAZARDOUS SUBSTANCE, LIQUID OR SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188						2		1		P		VT01	
c. RO WASTE HAZARDOUS SUBSTANCE, LIQUID OR SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188						1		1		P		VT01	
d. RO WASTE HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188						1		1		P		VT01	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
a) TRANSFORMERS DRAINED OF OIL <500 ppm						a) D85/Decom							
b) TRANSFORMERS FILLED WITH OIL <500 ppm						b) D85/Decom							
c) TRANSFORMER FILLED WITH OIL >500ppm						c) D91							
d) DRUMS OF OIL <500 ppm						d) T18							
16. Special Handling Instructions and Additional Information WORK ORDER #15499 REF: VT 0022731													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State law and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.													
Printed/Typed Name JAMES C. WENZEL					Signature [Signature]					Month Day Year 11/1/89			
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name JAMES C. WENZEL					Signature [Signature]					Month Day Year 01/06/89			
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name					Signature					Month Day Year			
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name					Signature					Month Day Year			

Copy 8: Generator Copy

01/06/89

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMD No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. VT P 0 0 0 0 0 1 3 5 0 6 7 3 9		Manifest Document No. 0000	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.	
3. Generator Name and Mailing Address HARDWICK ELECTRIC LIGHT DEPT. WOODBURY ROAD, HARDWICK, VT 05843					A. State Manifest Document Number VT 0017990		
4. Generator's Phone (802) 472-5562					B. State Generator's ID		
5. Transporter 1 Company Name HAZMAT ENVIRONMENTAL GROUP, INC.			6. US EPA ID Number NY D 9 5 0 7 6 9 9 4 7		C. State Transporter's ID		
7. Transporter 2 Company Name			8. US EPA ID Number		D. Transporter's Phone 716-877-5533		
9. Designated Facility Name and Site Address APTUS P.O. BOX 1328/HWY. 169 NORTH COFFEYVILLE, KS 67337					10. US EPA ID Number KS D 9 6 0 9 6 4 9 9 3		E. State Facility's ID
					H. Facility's Phone 316-251-6380		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total Quantity
a. RO WASTE HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188					No.	Type	14. Unn Wt/Vol
b. RO WASTE HAZARDOUS SUBSTANCE, SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188							P
c. RO WASTE HAZARDOUS SUBSTANCE, SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188							P
d. RO WASTE HAZARDOUS SUBSTANCE, LIQUID OR SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188							
J. Additional Descriptions for Materials Listed Above: a) DRUMS OF OIL & WATER <500 c) DRUMS OF DEBRIS b) DRUMS OF CAPACITORS					K. Handling Codes for Wastes Listed Above a) T07 c) D31 b) T07		
15. Special Handling Instructions and Additional Information WORK ORDER #15499 REF: VT 0002750 0017990							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State law and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.							
Printed/Typed Name THOMAS W. DANFORTH				Signature <i>Thomas W. Danforth</i>		Month Day Year 11/11/96	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name DENZIL JAMES				Signature <i>Denzil James</i>		Month Day Year 11/11/96	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name				Signature		Month Day Year	

Copy 8: Generator Copy

Aptus
Environmental Services
P.O. Box 1328
Colleyville, KS 67337
(316) 251-6380
(800) 202-2558
FAX (316) 251-7498
Sales FAX (316) 251-1005
Confidential FAX (316) 251-0081
Inquiries FAX (316) 251-0089

January 6, 1990

APTUS

CERTIFICATE OF DISPOSAL

NO. 9623

Hardwick Electric Light Dept
Woodbury Road/2 Church Street
Hardwick, VT 05843

THIS IS TO CERTIFY THAT THE HAZARDOUS SUBSTANCE
MANIFESTED TO **APTUS** ON APTUS DOCUMENT # 873HH WAS
DISPOSED OF IN ACCORDANCE WITH 40 CFR 761
AS OF 12/21/89.

APTUS

EPA ID # KSD980964993

Sheri Sanders

SHERI SANDERS

PCB DOCUMENT ADMINISTRATOR

APR 23 1989

TRANSFORMERS SHIPPED JAN. 6, 1989

112 units

1.	1370	29. 1409	57. 1393	85. 90
2.	1654	30. 1432	58. 1665	86. 14
3.	601	31. 1456	59. 1366	87. 14
4.	1095	32. 201-A	60. 1387	88. 64
5.	1381	33. 1461	61. 511	89. 14
6.	1114	34. 501	62. 1430	90. 14
7.	1397	35. 913	63. 1406	91. 16
8.	1431	36. 1200	64. 1011	92. 70
9.	920	37. 1463	65. 1088	93. 16
10.	1245	38. 1296	66. 1399	94. 28
11.	1627	39. 1465	67. 1455	95. 16
12.	1388	40. 1398	68. 1377	96. 16
13.	461	41. 1462	69. 1087	97. 16
14.	1382	42. 1673	70. 1433	98. 16
15.	1466	43. 1674	71. 1414	99. 16
16.	1626	44. 239	72. 1378	100. 22
17.	1650	45. 1464	73. 1086	101. 114
18.	1010	46. 1229	74. 1640	102. 16
19.	1429	47. 1356	75. 1425	103. 16
20.	1415	48. 243	76. 1421	104. 100
21.	1202	49. 1418	77. 1623	105. 16
22.	986	50. 1402	78. 1612	106. 16
23.	1685	51. 231	79. 1625	107. 1013
24.	1435	52. 1401	80. 1427	108. 165
25.	1199	53. 903	81. 1428	109. 1389
26.	1417	54. 1227	82. 1646	110. 1375
27.	829	55. 1473	83. 1687	111. 943
28.	793	56. 1422	84. 1458	112. 253

Drums Shipped JAN. 6, 1989

- D001 — oil
- D002 — oil
- D003 — oil
- D004 — oil
- D005 — capacitors
- D006 — capacitors
- D007 — capacitors + misc. GARBAGE
- D008 — Speedy-Dri + oil
- D009 — oil
- D010 — Speedy-Dri + oil
- D011 — Misc. GARBAGE
- D012 — oil
- D013 — Misc. GARBAGE
- D014 — oil
- D015 — Partial Drum Speedy-Dri + oil
- D016 — oil
- D017 — WATER + oil
- D018 — Partial Drum WATER + oil