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June 19, 1991

Via Federal Express

Mr. Arnold Bernas
Project Manager
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
Region II
Room 2930
26 Federal Plaza
New York, New York 10278

RE: York Oil Site, Moira, New York

Dear Mr. Bernas,

This is in response to the Environmental Protection Agency's ("EPA") Request for Information dated May 9, 1991 addressed to General Electric Company ("GE"). Enclosed please find GE's response to EPA's Request for Information. GE is responding on behalf of its Electronics Park facility located in Syracuse, New York, and its Pittsfield, Massachusetts facility.

As you are aware, Michael Mintzer, Esq., Assistant Regional Counsel - EPA Region II, granted GE an extension of time in which to respond to this request. As stated in my June 3, 1991 and June 19,1991 letters to Mr. Mintzer, EPA and GE agreed to a response date, up to and including, June 19, 1991.

GE conducted an extensive search in an effort to respond to EPA's May 9, 1991 Information Request. As a result of that search, GE found no information suggesting that GE used the services of the Pierce Oil Company and/or the Parent Oil Company, or any of its affiliates, agents, employees, or independent contractors to remove any wastes from GE's Electronics Park and/or Pittsfield facilities. Additionally, GE found no information suggesting that any wastes from GE's Electronics Park and Pittsfield facilities were sent to the York Oil Site in Moira, New York. Nevertheless, in the spirit of cooperation, GE would be willing to discuss a

de minimis settlement with EPA.

The enclosed information is submitted by GE as a good faith effort to be responsive to EPA's request. As such, it does not constitute an admission that GE is in any way liable or responsible for any cost or expenses which the EPA, or any other party, may incur in connection with the activities that have been, or may be, undertaken at the York Oil Site.

If you have any questions about this matter or would like to discuss settlement opportunities, please contact me.

Very truly yours,

Jolene M. Haggard

Jolene M. Haggard

Enclosure

cc (without enclosure): Michael A. Mintzer, Esq.
Assistant Regional Counsel
Office of Regional Counsel
U.S. Environmental Protection Agency
Room 437
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26 Federal Plaza
New York, New York 10278

REQUEST FOR INFORMATION

TO

GENERAL ELECTRIC COMPANY, INC.

JUNE 19, 1991

1. In General Electric Company's letter dated February 25, 1986 in response to EPA's request for information under CERCLA § 104(e), the company stated that it used electrical components such as transformers, capacitors and fluorescent lighting ballasts which contained polychlorinated biphenyls ("PCBs") at its Syracuse facility. The Generator Forms-Part II dated March 29, 1984 that were sent by the company in response to EPA's January 23, 1986 and March 18, 1988 requests for information under CERCLA § 104(e) do not provide information as to how and where PCB-contaminated equipment and waste oil was disposed of. Accordingly, the following information is requested:

1.a. Question:

During the period 1950-1979, was any equipment which may have contained PCBs, including without limitation, transformers, capacitors or fluorescent lighting ballasts, or PCBs or oil containing PCBs contained in such equipment, removed from the company's Syracuse facility? If so, provide an estimate of the quantities of PCBs disposed of, the name and address of the transporter(s) and the facility where the PCBs were disposed of.

1.a. Answer:

No information has been identified to suggest that from 1950 through 1979 any equipment, which may have contained PCBs, or oil containing PCBs, was removed from GE's Syracuse facility.

1.b. Question:

Did the "waste oil" identified in the 8/29/84 Generator Forms contain PCBs?

1.b. Answer:

No information has been identified suggesting that the waste oil identified in the 8/29/84 Generator Forms contained PCBs, but in an effort to accommodate EPA's question, GE responds as follows.

Attached to Dale McAllister's 2/10/89 letter to Melissa Marshall, United States Department of Justice, were statements of present and former GE employees familiar with the daily operations of Electronics Park. Included among these statements, are statements by Mr. Bill Doane, Chief of the Power Plant from 1950 to 1970; Mr. Oliver White, who, beginning in 1955, held various positions in the Electronics Lab in Building 3; and Mr. Charles Hines, a truck driver for Electronics Park from 1953, and, as of 1989, working in Building 9.

Based on the information provided by Messrs. Doane, Hines & White, the majority of waste oil at GE's Syracuse facility was generated by automobile and truck servicing operations.

According to Mr. Oliver White's 1/31/89 statement, a very small amount of oil was used in the machine lubrication or vacuum pump maintenance operation in Building 5. According to Mr. White, Building 7 accommodated a small machine shop and press operation. The machine shop and press operation supported the electronic assembly operations conducted relative to the assembly and production of military transmitters and other electrical gear. Oil was used in the machine shop for cutting metal parts and lubrication of the machine tools. Little or no waste oil resulted from this operation, and there is no reason to believe that the waste oil contained PCBs.

According to Louis Alteri's 2/10/89 statement, the component manufacturing section of the Television Receiver Department in Building 5 had a punch press operation, consisting of five punch presses, that used a small quantity of light oil to lubricate the steel as it passed through the stamping dyes. There is no reason to believe that the waste oil contained PCBs.

According to Mr. John Affleck, III's 3/9/89 statement, the mechanical exhaust equipment in the television tube manufacturing process of the Television Tube Department in Building 6 generated a maximum of 9.46 55 gallon drums of waste oil per year. There is no reason to believe that these waste oils contained PCBs.

According to Domonick Barletta's 2/13/89 statement, from 1950 until 1965 and thereafter, the exhaust buggies in the manufacture of black and white picture tubes in Building 6 generated waste oil. The picture was placed on the exhaust buggies and the buggy brought the tube down to the vacuum. There was a pump in this process which contained oil. Approximately six barrels per year were generated by this process. There is no reason to believe that the waste oil contained PCBs.

Additionally, please refer to GE's answer to Question 3.d.

1.c. Question:

Did the company's Syracuse facility ever accept any used equipment containing PCBs or waste oils from other facilities of the company or from any other source for any reason including maintenance, service or storage?

1.c. Answer:

On information and belief, GE's Syracuse facility did not accept any used equipment containing PCBs or waste oils from other facilities of the company, or from any other source for any reason including maintenance, service, or storage.

1.d. Question:

Describe the on-site procedures and protocols for servicing and maintaining electrical components including transformers, capacitors and fluorescent lighting ballasts which contained PCBs.

1.d. Answer:

GE objects to this question on the grounds that it is unduly burdensome, unreasonable, and overbroad. Throughout the period in question, GE's procedures and protocols for servicing and maintaining electrical components were constantly modified, and therefore the scope of GE's search effort is extremely broad. Additionally, transformers, capacitors, and lighting ballasts contain hundreds of parts, each of which has differing requirements for service and maintenance. If EPA can effectively narrow the scope of GE's search effort, GE is willing to determine whether this question is answerable after a reasonable search effort. GE's effort to accommodate EPA's question shall not constitute a waiver of GE's objection to this question.

Without waiver of GE's objection, attached as Exhibit A please find "Exposure and Contamination Control Plan (ECCP) Polychlorinated Biphenyls (PCBs)" (1979, 1982) for Electronics Park.

1.e. Question:

Where and how was the equipment and the accompanying oils which may have contained PCBs ultimately disposed of or treated?

1.e. Answer:

The answer to Question 1.a. applies to the period 1950 through 1979. Subsequent to 1979, on information and belief, all Electronics Park equipment and accompanying oils containing PCBs were either incinerated or disposed at an EPA-permitted facility. All fluids containing PCBs were incinerated and PCB equipment was landfilled. Copies of relevant certificates of destruction and manifests that identify the disposal facility are attached as Exhibit B.

1.f. Question:

Provide a copy of any document (see definition of "document" in Instructions) that relates or refers to the disposal of any such equipment or oil that may have been contained therein.

1.f. Answer:

Attached as Exhibit B please find certificates of destruction and manifests.

2. During the period 1950-1979, did the company use one or more of the following organic chemicals at its Syracuse facility: benzene, xylene, toluene, acetone, phenol, phenol derivatives, trichloroethane or trans-1-2 dichloroethene? If so, describe or identify (and state the time period of applicability):

2.a. Question:

Each process at the Syracuse facility that used any of these materials;

2.a. Answer:

Building 3:

According to Frontier Chemical Waste Process Inc.'s June 23, 1978 Waste Product Record (attached)[1], the Electronics Lab in Building 3 generated approximately 2 gallons per month of chlorinated solvents. The chlorinated solvents included trichloroethylene; 1,1,1-trichloroethane; ethylene dichloride; methylene chloride; and others. The waste was disposed by Frontier Chemical Waste Process Inc.

According to Frontier Chemical Waste Process Inc.'s June 23, 1978 Waste Product Record (attached), the Electronics Lab in Building 3 generated approximately 2 gallons per month of flammable solvents. The composition of the flammable solvents is not provided. The waste was disposed by Frontier Chemical Waste Process Inc.

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1 All Waste Product Records are attached as Exhibit C.
Little or no information has been located that describes the procedures by which the Waste Product Records were generated. For this reason, GE is currently unable to verify whether the volume estimates recorded are accurate or to what time period they apply. For this reason, GE has also been unable to state the amount of the materials disposal per annum.

According to Frontier Chemical Waste Process Inc.'s June 23, 1978 Waste Product Record (attached), the Electronics Lab in Building 3 generated approximately 1 gallon per month of liquid polymers and paints. The liquid waste included solvents, resins, pigments, and fillers. The waste was disposed by Frontier Chemical Waste Process Inc.

Building 5:

According to Mr. Louis Alteri's 2/10/89 statement, the component manufacturing section of the Television Receiver Department in Building 5 used a variety of chemicals (i.e. acetone trichloroethylene and 1,1,1-trichloroethane) as thinners for glues, cleaners, and a varnish or lacquer softener during the winding process for coils. There was never any waste generated by the winding process due to evaporation and hardening. Throughout the 1950s and early 1960s, Mr. Alteri indicated that Building 5 did not generate more than a couple barrels of liquid chemical waste per month, if any. Upon information and belief, the waste was disposed of at the facility by evaporation.

Frank Grande's 2/13/89 statement supports Mr. Alteri's description of the television manufacturing process. Mr. Grande states that in the television manufacturing process in Building 5 some acetone and trichlor were used in the 1952 through 1962 time period. Acetone was used in small quantities to clean coils, yokes, and sweep assemblies. Trichlor was used as a degreaser for metal parts, but Mr. Grande did not recall if there was any liquid waste coming from that operation. Upon information and belief, the waste was disposed of at the facility by evaporation.

Mitch Pyndus 2/13/89 statement supports the descriptions of the television manufacturing process provided by Messrs. Alteri and Grande. Mr. Pyndus states that in the television manufacturing process in Building 5, acetone and trichloroethylene were used. Mr. Pyndus states that TCE was reclaimed, and that the television operation generated no more than 1 or 2 55 gallon barrels of liquid chemical waste per year. Upon information and belief, the waste was disposed of at the facility by evaporation.

According to Frontier Chemical Waste Process Inc.'s December 7, 1979 Waste Product Record (attached), Building 5 generated approximately 250 gallons of Oakite Vis Strip per year. The waste consisted of 50% methylene chloride; 25% chloro acetic acid; 13% xylene; 10% butyl alcohol; and 2% anionic surfactants. The material was placed in steel drums. The waste was disposed by Frontier Chemical Waste Process Inc.

Building 6:

According to Mr. Oliver White's 1/31/89 statement, during the 1950s and early 1960s, small amounts of various solvents (i.e., acetone or chlorinated solvents) were used as cleaners in the manufacturing process of black and white picture tubes in Building 6. Mr. White further states that the solvent normally evaporated, and therefore there was no significant amount of waste solvents generated.

On page 1 of the process instruction sheets for the maintenance of aluminizing buggies housed in Building 6, which are attached to John Affleck, III's 3/8/89 statement, it states that the diffusion pump body, adaptor, jets, etc. were cleaned using trichloroethylene to remove silicone oil. Upon information an belief, the waste was disposed of at the facility by evaporation.

On page 2 of the process instruction sheets for the maintenance of aluminizing buggies housed in Building 6, which are attached to John Affleck, III's 3/8/89 statement, it states that 1,1,1-trichloroethane was used to clean gaskets. Upon information and belief, the waste was disposed at the facility by evaporation.

According to Frontier Chemical Waste Process Inc.'s June 20, 1978 Waste Product Record (attached), waste trichloroethylene ("TCE") was generated in the Mask Fabrication Area of Building 6. Periodically the mask degreasers were drained and cleaned. The resulting TCE contained oil (Shell #15) from the masks and a plasticizer (di (2-ethylhebyl) phthalote) used in the tubing. Approximately 264 gallons of waste TCE were reportedly generated annually. The waste was contained in steel drums. The waste was disposed of by Frontier Chemical Waste Process Inc.

According to Frontier Chemical Waste Process Inc.'s June 20, 1978 Waste Product Record (attached), waste TCE was generated in the Anti-Corona Spray Area of Building 6. TCE was used to clean the masking devices that were used during the spraying of anti-corona coating on picture tubes. The waste TCE included less than 5% of silicon resin and less than 1% of GPD oil red dye. Approximately 55 gallons of TCE waste per month were reportedly generated by this operation. The waste TCE was contained in steel drums. The waste was disposed of by Frontier Chemical Waste Process Inc.

According to Frontier Chemical Waste Process Inc.'s June 20, 1978 Waste Product Record (attached), waste epoxy resin and trichloroethylene was generated in the Kimcode area of Building 6. The tubes used to dispense the mixed epoxy resin and hardener were periodically cleansed with TCE. The waste TCE contained less than 15% epoxy resin and hardener. Approximately 55 gallons of TCE waste per month were reportedly generated by this operation. The waste TCE was contained in steel drums. The waste was disposed of by Frontier Chemical Waste Process Inc.

According to Frontier Chemical Waste Process Inc.'s June 21, 1978 Waste Product Record (attached), the Aluminizing Lacquer Apply Station in Buildings 6 and 15 generated waste lacquer. The waste consisted of run-off lacquer and a small amount of pre-wet solution (dilute potassium silicate) from the lacquer spray station. The chemical composition of the waste is as follows: less than 47% toluene; less than 20% methyl ethyl ketone; less than 5% methyl isobutyl ketone; less than 28% ethyl acetate; less than 3.5% acrylic resin; less than 2.5% $K_2S_1O_3$; and less than 5% of water. Approximately 660 gallons per month of the waste lacquer were generated. The waste was contained in steel drums. The waste was disposed of by Frontier Chemical Waste Process Inc.

According to Frontier Chemical Waste Process Inc.'s June 23, 1978 Waste Product Record (attached), Building 6 generated approximately 220 gallons per month of waste solvent. The materials group provided an empty 55 gallon drum which was located in the flammable materials storage room. The drum was used as a catch-all for waste materials that could not legally be flushed down the drain. The waste material came from a variety of processes located in Building 6. The waste was disposed of by Frontier Chemical Waste Process Inc.

Building 7:

According to Mr. Oliver White's 1/31/89 statement, trichloroethylene was used in Building 7 as a heat transfer fluid in the refrigeration for environmental test chambers, but during environmental chamber use, TCE was lost through evaporation.

According to Frontier Chemical Waste Process Inc.'s June 22, 1978 Waste Product Record (attached), Building 7 generated approximately 2000 gallons of aromatic and ketone solvents per year. The solvents consisted of xylene, toluene, acetone, and methyl ethyl ketone. The solvents were contained in steel drums. The waste was disposed of by Frontier Chemical Waste Process Inc.

Building 15:

According to Frontier Chemical Waste Process Inc.'s June 21, 1978 Waste Product Record (attached), the Aluminizing Lacquer Apply Station in Buildings 6 and 15 generated waste lacquer. The waste consists of run-off lacquer and a small amount of pre-wet solution (dilute potassium silicate) from the lacquer spray station. The chemical composition of the waste is as follows: less than 47% toluene; less than 20% methyl ethyl ketone; less than 5% methyl isobutyl ketone; less than 28% ethyl acetate; less than 3.5% acrylic resin; less than 2.5% $K_2S_1O_3$; and less than 5% of water. Approximately 660 gallons per month of the waste lacquer was reportedly generated. The waste was contained in steel drums. The waste was disposed of by Frontier Chemical Waste Process Inc.

2.b. Question:

The manner in which these materials were disposed of;

2.b. Answer:

Please refer to GE's answer to question 2.a.

2.c. Question:

The amount of such materials that was disposed of per annum; and

2.c. Answer:

Please refer to GE's answer to question 2.a.

2.d. Question:

The identity of the company and the individual that removed such wastes.

2.d. Answer:

GE can not precisely identify the company and individual that removed the wastes described in answer 2.a., but in an effort to respond to EPA's question GE offers the following information. According to the August 29, 1984 DEC Generator Forms, during the applicable time period, 1950-1979, GE utilized the services of the following companies to dispose of organic chemicals:

- Solvent Savers
  DeRuyter, NY

- Frontier Chemical Waste Process Inc.
  Niagara Falls, NY

- Chemical Distributors
  Buffalo, NY

3.a. Question:

Describe the Syracuse facility, including the operations conducted at the facility between 1950 and 1970;

3.a. Answer:

This questions has previously been answered by GE. Please refer to the following:

. GE's 2/28/86 response to EPA's 1/23/86 "Request for Information Under 41 U.S.C. § 9604(e)." (Attached as Exhibit D)

. Dale McAllister's 2/10/89 letter to Melissa Marshall, pps. 3-5.
- Bill Doane's 2/13/89 statement, pps. 1-4.
- Oliver White's 1/31/89 statement, pps. 1-5.
- Louis Alteri's 2/10/89 statement, pps. 1-4.
- Charles Hines's 2/13/89 statement, page 1.
- Frank Grande's 2/13/89 statement, page 1.
- Mitch Pyndus's 2/13/89 statement, page 1.
- Domonick Barletta's 2/13/89 statement, pps. 1-2.

(Attached as Exhibit E)

. Dale McAllister's 3/31/89 letter to Melissa Marshall.
- John H. Affleck, III's 3/9/89 statement, page 1.
- Robert F. Wiltse's 3/9/89 statement, pps. 1-2.

(Attached as Exhibit F)

3.b. Question:

Identify oils used at the Syracuse facility between 1950 and 1970 by type of oil and supplier;

3.b. Answer:

According to John H. Affleck, III's 3/9/89 statement, Dow Corning 704 oil was used in the diffusion pumps on the exhaust equipment in the Television Tube Department in Building 6.

Upon information and belief, hydraulic oil, lubrication oil, fuel oil, silicone oil, and petroleum oil were the only oils used at the Syracuse facility between 1950 and 1970.

3.c. Question:

Describe in detail each process at the facility in which oil was employed and, if any such process involved the production of picture tubes, also identify the composition of the vacuum equipment used in such process;

3.c. Answer:

This question was previously answered by GE, but in an effort to accommodate EPA's request, GE responds as follows.

According to Oliver White's 1/31/89 statement, the following equipment and process(es) utilized oil:

- From the 1950s through the early 1960s, it was the practice in Building 5 (assembly of black and white televisions) to use lubricating oil to keep the machines efficiently working (page 2);

- From the late 1950s through the early 1960s, it was the practice in Building 6 (production of black and white television tubes) to use small amounts of oil for machine lubrication or vacuum pump maintenance (page 3); and
- From the 1950s through the early 1960s, Building 7 (assembly and production of military transmitters and other electronics gear) accommodated a small machine shop and press operation. Oil was used for cutting metal parts and lubrication of machine tools located in the shop.

According to Louis Alteri's 2/10/89 statement, the following equipment and process(es) used oil:

- A small quantity of light oil was used in the punch press operation, of the component manufacturing section of the Television Receiver Department in Building 5, to lubricate the steel as it passed through the stamping dyes.
- Lubricating oils were also used on many of the moving parts of the five punch presses.
- Throughout the Television Receiver Department, maintenance lubricated all machines and other equipment on a preventative maintenance schedule (page 2).

According to Frank Grande's 2/13/89 statement, the following equipment and process(es) used oil:

- Oils were used by maintenance in Building 5 (television assembly) to lubricate the machines and equipment (page 1).

According to Mitch Pyndus's 2/13/89 statement, the following equipment and process(es) used oil:

- Oils were exclusively used for lubricating production equipment (page 1).

According to Domonick Barletta's 2/13/89 statement, the following equipment and process(es) used oil:

- The television tube, manufactured in Building 6, was placed on a buggy, and the tube would be brought down to the vacuum. There was a pump contained in the process, and the pump contained oil.

According to John H. Affleck, III's 3/9/89 statement, the following equipment and process(es) used oil:

- From 1971 through 1986, the Television Tube Department in Building 6 had a mechanical pump associated with the vacuum equipment of the exhaust machines. The mechanical pump required oil when it was serviced (page 1).
- A limited amount of Dow Coring 704 was used in the diffusion pumps on the exhaust equipment (page 1).

According to Robert F. Wiltse's 3/9/89 statement, the following equipment and process(es) used oil:

- The vacuum maintenance facility in Building 6 (black and white picture tube manufacture) was the only Building 6 operation where any significant amount of oils were used. Up until the early 1960s (1962), when color picture tubes began to be manufactured, the mechanical oil pumps in vacuum maintenance generated from 6 to 12 55 gallon drums of waste per year (page 1);
- The equipment in vacuum maintenance had to be serviced (page 1); and
- The diffusion pumps used approximately 55 gallons per year of oil.

3.d. Question:

Describe in detail each process at the facility that generated waste oil;

3.d. Answer:

This question was previously answered by GE, but in an effort to accommodate EPA's request, GE responds as follows.

According to Bill Doane's 2/13/89 statement, the following equipment and process(es) generated waste oil:

- Air compressors in the boiler house (page 1);
- Refrigeration compressors throughout GE's Syracuse facility (page 1);
- Garage operation (page 1); and
- Refrigeration or air conditioning equipment (page 2).

According to Oliver White's 1/31/89 statement, the following equipment and process(es) generated waste oil:

- The garage in Building 9 where the facility's vehicles were serviced (page 2);

According to Charles Hines's 2/13/89 statement, the following equipment and process(es) generated oil:

- Waste oil was generated from GE vehicles serviced by the garage at the Park (page 1).

According to Domonick Barletta's 2/13/89 statement, the following equipment and process(es) generated waste oil:

- The only activity associated with Building 6 (manufacture of black and white television tubes) which generated waste oil was the exhaust buggies. The television tube was placed on the buggy, and the tube would be brought down to the vacuum. There was a pump contained in the process, and the pump contained oil.

According to John H. Affleck, III's 3/9/89 statement, the following equipment and process(es) generated waste oil:

- From 1971 through 1986, the Television Tube Department in Building 6 had a mechanical pump associated with the vacuum equipment of the exhaust machines. The mechanical pump required oil when it was serviced, therefore generated waste oil (page 1).

According to Robert F. Wiltse's 3/9/89 statement, the following equipment and process(es) generated waste oil:

- The vacuum maintenance facility in Building 6 (black and white picture tube manufacture) was the only Building 6 operation where any significant amount of oils were used. Up until the early 1960s (1962), when color picture tubes began to be manufactured, the mechanical oil pumps in vacuum maintenance generated from 6 to 12 55 gallon drums of waste per year (page 1);

3.e. Question:

Identify all materials that oil may have contacted in the process in which it was used, answering separately for each separate stream of waste oil, and specifically state whether such waste oil contacted stainless steel, lead, chromium, cadmium or nickel during any process or thereafter;

3.e. Answer:

Upon information and belief, with regard to each process at the facility that generated waste oil identified in GE's answer to EPA's Question 3.d., the oil contacted the specific machine(s) and/or part(s) of the machinery identified in the process. No information has been identified regarding the composition of the apparatus, and GE has no means of obtaining information identifying the composition of the machinery.

3.f. Question:

Identify the manufacturer and model and year of manufacture of:

i. Each piece of refrigeration and air conditioning equipment;
ii. Each vehicle; and
iii. Each other machine or piece of machinery that generated waste oil at the Syracuse facility

3.f. Answer:

Due to the overwhelming number of refrigeration and air conditioning equipment, vehicles, and all other machinery at the Electronics Park facility which may have generated waste oil, GE objects to this question on the grounds that it is unduly burdensome, unreasonable, overbroad and highly unlikely to lead to the discovery of useful evidence relating to the York Oil Site. GE has no means of identifying all the equipment in the facility during the time period in question. However, in an effort to satisfactorily respond to this request, if EPA can effectively narrow the scope of our search effort, GE is willing to determine whether this question is answerable after a reasonable search effort. GE's effort to accommodate EPA's question shall not constitute a waiver of its objection to this question.

3.g. Question:

In the context of answering the foregoing questions, separately identify (including by providing dates of placement) all waste oil, waste solvents and other waste material that may have been placed:

i. In the Underground Storage Tank;
ii. In a container at a lot or field near the Syracuse facility; or
iii. Otherwise in a container at or near the Syracuse facility;

3.g. Answer

i. As previously stated in GE's answer to Question 3.e., upon information and belief, the underground storage tank associated with Building 9, and referred to in Dale McAllister's 2/10/87 letter to Melissa Marshall and Bill Doane's 2/13/89 statement, contained waste oil and waste lacquer that was subsequently burned in the facility's boilers.

   Upon information and belief, the waste oil and waste lacquer contained in the storage tank were generated by the previously identified processes conducted at the facility.

ii. GE has no information regarding the wastes contained in a container at a lot or a field near the Syracuse facility.

iii. GE objects to this question on the grounds of the vague characterization of "a container at or near the Syracuse facility," but in an effort to respond to EPA's request, GE provides the following information.

Upon information and belief, during the applicable time period Electronics Park utilized several underground storage tanks. The following is a list of underground storage tanks containing waste material that were removed from Electronics Park in 1990 and 1991.

- An acid neutralization tank associated with Building 5.
- An acid neutralization tank associated with Building 7.

3.h. Question:

Quantify waste oil generated on an annual basis at this facility for each identified type of waste oil;

3.h. Answer:

As stated in GE's answer to Question 3.b., GE has no means of identifying each type of oil used at Electronics Park throughout the applicable time period, but in an effort to respond to EPA's request GE provides the following information.

According to Dale McAllister's 2/10/89 letter, at page 4, Bill Doane estimated the total generation of waste oil at the Park, during 1950 through 1961, to be approximately 1000 to 1500 gallons annually.

3.i. Question:

Did the company, between the years 1955 and 1965, ever place materials from its Syracuse facility in a field or lot? If so, describe or identify:

i. The nature of the wastes placed at this field or lot, as well as the amount of such waste per annum;

ii. The dates that such wastes were placed at this field or lot;

iii. The identity of the companies and/or the individuals that removed such wastes;

iv. Whether Pierce Brothers or any agent thereof, ever received the company's waste from a field or lot;

v. Any analysis performed at any time from 1953 or the present of this type of waste and provide copies of test results and any other documents relating or referring to such analysis;

3. i. Answer:

i.- iv. Subparts i.-iv. of this question have previously been answered by GE, but in an effort to respond to EPA's request, GE provides the following information.

According to Bill Doane's 2/13/89 statement, during the applicable time period no waste oil was stored in barrels at Electronics Park. (page 2)

According to Bill Doane's 2/13/89 statement, in the early 1960s waste chemicals were stored behind Building 12. Approximately 15 to 20 barrels were stored in the area at one time. A few times a year a person would pump out the barrels.

According to Oliver White's 1/31/89 statement, in 1955, when Mr. White began monitoring the Park's chemical use and waste streams, each operation of the Park was responsible for the disposal of its wastes. The wastes were kept in or adjacent to the operation's building. In the late 1950s the responsibility was centralized under Building 9, and a controlled waste storage area was constructed in the northwest quadrant of the property. The area was approximately 30 feet by 100 feet with a snow fence on three sides. The barrels containing the waste were stacked on skids. Until the early 1960s, only a relatively small number of barrels of chemical wastes were generated at the Park. Mr. White estimates between 10 to 15 barrels of liquid wastes were generated annually. Further, 10 to 15 barrels of liquid and solid wastes were present in the storage area at one time. (page 4)

v. On information and belief, from 1953 through the present, no analyses have been performed on the Syracuse facility's materials placed in a field or lot.

3.j. Question:

State whether the company's Syracuse facility, or any other company facility in the area used a location referred to as a "barrel farm" for the storage of drums.

3.j. Answer:

Yes, GE-Electronics Park used a location referred to as a "barrel farm" for the storage of drums. Upon information and belief, the "barrel farm" was the waste storage area constructed in the northwest quadrant of the property, which Oliver White describes in his 1/31/89 statement.

3.k. Question:

Identify all materials in addition to waste oil that may have been placed in the Underground Storage Tank;

3.k. Answer:

As previously stated in GE's answer to Question 3.e. and 3.g.i., on information and belief, the underground storage tank associated with Building 9, referred to in Dale McAllister's 2/10/87 letter to Melissa Marshall and Bill Doane's 2/13/89 statement, contained waste oil and waste lacquer that was subsequently burned in the facility's boilers.

3.l. Question:

Identify any analysis performed at any time from 1960 to the present of waste oil, waste solvent or an other waste materials generated at the Syracuse facility and provide copies of test results and any other document relating or referring to such analysis;

3.l. Answer:

Attached as Exhibit G, please find various analytical data on waste oil, waste solvent, and other waste materials generated at the Syracuse facility. To the best of our knowledge, none of these wastes, or types of wastes, were sent to the York Oil Site.

4. Question:

During the period 1953 to 1957, with respect to a facility in Pittsfield, Massachusetts now or formerly owned or operated by the company;

a. Describe the Pittsfield facility, including the operations conducted at the facility;

b. Describe in detail each process at the facility in which oil was employed and identify the type of oil used and the supplier of each such type of oil;

c. Describe in detail each process at the facility that generated waste oil;

d. Identify all materials that oil may have contacted in the process in which it was used, answering separately for each separate stream of waste oil, and specifically identify whether waste oil generated at this facility contacted stainless steel, lead, chromium, cadmium or nickel during any process or thereafter;

e. Identify the manufacturer and model of each machine that generated waste oil;

f. Identify the quantity of waste oil generated on an annual basis at this facility;

g. Identify any analysis performed at any time from 1953 to the present of waste oil generated at this facility and provide copies of test results and any other documents relating or referring to such analysis;

h. Describe how waste oil was disposed of and identify the persons (companies and individuals) who removed waste oil;

i. Provide a copy of each document relating or referring to the removal of waste oils during this period.

4.a.-i. Answer:

GE objects to questions 4 a. - i. on the grounds that the questions are overbroad and highly unlikely to lead to the discovery of useful evidence relating to the York Oil Site. Without waiver of GE's objection, and in an effort to respond to EPA's request, GE provides the following information.

In an effort to respond to EPA's 3/18/88 "Request for Information Under 42 U.S.C. §9604(e)," Dale McAllister, Esq. secured the help of Mansfield Neal, Jr., Esq. of GE's Power Delivery and Control Operation in Pennsylvania. Mr. Neal contacted Ronald Desgroseilliers, Manager of Environmental Programs at GE-Plastics in Pittsfield, Massachusetts. Mr. Desgroseilliers confirmed that no documentation exists indicating that GE-Pittsfield used any Pierce Oil company to ship waste oil. (Attached as Exhibit H)

In an effort to respond to EPA's 5/9/91 "Request for Information Under 42 U.S.C. §9604(e)," Erin Crotty contacted Ronald Desgroseilliers again. Mr. Desgroseilliers informed Ms. Crotty that after an additional search he found no evidence indicating that GE-Plastics Pittsfield used any Pierce Oil company to transport waste oil from the plant. Additionally, Mr. Desgroseilliers contacted Dick Gates, Manager of Environmental Programs at GE-Aerospace in Pittsfield. After a diligent search, Mr. Gates found no evidence indicating that GE-Aerospace Pittsfield used any Pierce Oil company to transport waste oil from the plant.

Without waiving the above stated objection, GE further responds as follows.

a. During the applicable time period, GE had Plastics, Ordnance, and Transformer operations in Pittsfield. The facility consisted of slightly less than 250 acres. The Plastics operation produced phenolic resins; the Ordnance operation consisted of machining, fabrication, plating, painting, and assembly of complex electro/mechanical assemblies for United States defense applications; the Transformer operation consisted

of machining, fabrication, plating, painting, and assembly of small and large transformers and associated protective equipment.

b. Oil was used in the transformer manufacturing operations to provide dielectric protection and cooling of the product while in operation. The oil was an acid refined light oil. Kerosene was used as a means of removing water from the paper and wood insulation in the product prior to oil impregnation. The kerosene was recycled for reuse. Oil was shipped in small transformers, and the oil used in impregnation of the large transformers was recycled for reuse. Oil was also used in the maintenance of trucks and manufacturing equipment. These types of oils ranged from heavy lubricating greases to 30 weight motor oil. Upon information and belief, suppliers of the oils could have included Texaco, Mobil, Esso, Gulf, Sun or Chevron.

c. Waste oil was generated by each of the processes described in 4.b.

d. In the small and large transformer processes, the following materials may have been contacted by oil: silicon core steel; paper, cardboard, and wood insulation; thermoset phenolic insulation; mild steel fabrications; copper and/or aluminum wire; porcelain and/or glass bushings; absorbent clean-up materials; diatomaceous earth.

In the maintenance of vehicles and manufacturing equipment, the following materials may have been contacted by oil: various types of steel crankcases; rubber, plastic, and composite hoses.

Stainless steel, lead, chromium, cadmium, and nickel are not known to have been contacted by oil in any of the processes.

e. Upon information and belief, GE has no means of obtaining the identity of the manufacturer and model of each machine that generated waste oil from 1953 through 1957 at the Pittsfield facility.

f. During the applicable time period, there are no records quantifying the amount of waste oil generated annually.

g. On information and belief, waste oil generated at the GE Pittsfield facility is not tested except under the Toxic Substance Control Act ("TSCA") when, in special situations, there is evidence to suggest the waste oil could have been associated with a PCB or PCB contaminated product. Since the inception of TSCA, waste oil has been tested for PCBs on many occasions. Oil with a PCB concentration of greater than 50 ppm has been incinerated in an on-site thermal oxidizer. Oil with a PCB concentration of less than 50 ppm has been disposed of by a hazardous waste firm or permitted high efficiency boiler.

h. Upon information and belief, during the applicable time period no records are known to exist describing the Pittsfield waste oil disposal methods, or the identity of the persons (companies and individuals) who may have removed waste oil from the Pittsfield facility.

i. Please refer to GE's answer to Question 4.h.

5. The letter dated February 10, 1989 from Dale McAllister to Melissa Marshall had attached thereto: i.) the statement of Bill Doane which refers to barrels of chemicals that were stored behind building 12 in the late 1950's or early 1960's; and ii.) the statement of Oliver White which refers to drums stored in the northwest quadrant of the facility. With respect to these barrels or drums:

5.a. Question:

Identify all materials contained therein or believed to be contained therein;

5.a. Answer:

According to Bill Doane's 2/13/89 statement, in the early 1960s waste chemicals were stored behind Building 12. Approximately 15 to 20 barrels were stored in the area at one time. A few times a year a person would pump out the barrels.

5.b. Question:

Identify the person or persons who removed or who had responsibility for the removal of these barrels or drums or their contents in the late 1950's and early 1960's;

5.b. Answer:

Upon information and belief, GE has no means of identifying the person or persons who removed or who had responsibility for the removal of these barrels or drums or their contents during the applicable time period.

5.c. Question:

Identify any analysis performed at any time from 1950 to the present of any of the materials or type of materials that may have been contained in any of these barrels or drums and provide copies of test results and any other documents relating or referring to such analysis.

5.c. Answer:

GE has been unable to locate any information regarding the content of the materials or type of material that may have been contained in any of the barrels or drums behind Building 12 or in the northwest quadrant of the facility, therefore GE has been unable to locate any analyses performed at any time from 1950 to the present on the materials.

6. Question:

EPA previously requested information from the company pursuant to CERCLA § 104 (e) in separate requests dated March 11, 1986 and March 18, 1988.

6.a. Question:

In responding to questions 5, 6, 7 and 9 in the letter dated March 11, 1986 from EPA to the company pursuant to CERCLA §104(e), the company attached a copy of a report, dated August 29, 1984 which it had submitted to the State of New York. However, the attached report fails to provide information concerning waste disposal during the period 1950 to 1970 except with respect to waste trichloroethylene. Please provide information responsive to questions 5, 6, 7 and 9 contained in the letter dated March 11, 1986 from EPA to the company for the period 1950 to 1970.

6.a. Answer:

Please refer to GE's answer to Question 2.

6.b. Question:

In responding to the letter dated March 18, 1988 from EPA to the company pursuant to CERCLA § 104(e), the company referred to its responses to the March 11, 1986 information request. Inasmuch as EPA's letter of March 18, 1988 contained requests for information that were not contained in the March 11, 1986 request, and inasmuch as the company's response to EPA's March 11, 1986 request for information was not sufficiently responsive, as noted in the immediately preceding subparagraph, you are requested to provide complete responses to each of the questions in EPA's March 18, 1988 request for information. You may reference a prior response with respect to any question that has been fully answered in such prior response.

6.b. Answer:

The following is a response to EPA's March 18, 1988 request for information.

REQUEST FOR INFORMATION

TO

GENERAL ELECTRIC COMPANY, INC.

MARCH 1988

1.a. Question:

State the correct legal name of your company, which shall be referred to as "the company."

1.a. Answer:

General Electric Company.

1.b. Question:

State the name(s) and address(es) of the President and the Chairman of the Board, i.e., the Chief Executive Officer of the company.

1.b. Answer:

John F. Welsh, Jr.
Chairman of the Board and Chief Executive Officer
3135 Easton Turnpike
Fairfield, CT 06431

1.c. Question:

Identify the state of incorporation of the company and the company's agents for service of process in the state of incorporation and in New York State.

1.c. Answer:

GE is a New York corporation. The registered agent for service of process for GE is CT Corporation System, 1633 Broadway, New York, New York.

1.d. Question:

If the company is a subsidiary or affiliate of another corporation, or has subsidiaries, identify these related companies and the name(s) and address(es) of the Chairman of the Board, i.e., Chief Executive Officer of each subsidiary or affiliate.

1.d. Answer:

Not applicable.

1.e. Question:

Identify the state of incorporation and agents for service of process in the state of incorporation and New York State for each company identified in Question 1.d.

1.e. Answer:

Not applicable.

2. Question:

When did your company or its affiliate or subsidiary first own the facility? If the facility has been or is currently leased to other businesses give the names and addresses of leasees and the duration of the lease, and supply a copy of the leases from the period of 1950 to 1988. If the facility was owned by another company, give the names and addresses of the prior owners and the duration of the company's ownership (for the period of 1950 to 1988).

2. Answer:

Electronics Park is a General Electric Company facility situated on approximately 180 acres in the Town of Salina, New York. Electronics Park was constructed by GE in 1947, and, based on information and belief, during the time period in question, was not owned, leased, or operated by another company.

3. Question:

Describe in detail all processes of your facility which generated waste oils and lubricants during the years 1950 to 1979.

a. Include the principal components as well as the source and volume of these waste oils and lubricants generated, per year

b. Include diagrams, if necessary.

3. Answer:

Please refer to GE's answers to questions 3.c., 3.d., and 3.e. of EPA's 5/9/91 "Request for Information Under 42 U.S.C. §9604(e)."

4. Question:

Provide a list of the sources, volume and composition of any materials on site between the years 1950 to 1979 which contained polychlorinated biphenyls ("PCBs") at your site.

4. Answer:

Please refer to GE's answers to questions 1.d., 1.e., and 1.f. of EPA's 5/9/91 "Request for Information Under 42 U.S.C. §9604(e)."

5. Question:

Provide a list of the sources, volume and composition of any materials removed off-site between the years 1950-1979 which may have contained PCBs.

a. Provide a list identifying all records and documents pertaining to the off-site shipment of these materials (i.e. manifests, invoices, etc.). If no such documentation exists, please explain why.

b. Indicate the final destination of these materials and the dates of removal.

c. Provide the names and addresses of any transporters who may have been used to remove these materials off-site and the respective source, volume and composition of the materials that was removed.

5. Answer:

Upon information and belief, no material which may have contained PCBs was removed from Electronics Park during the applicable time period.

6. Question:

Identify the source, composition and volume of any waste oils and lubricants removed by Pierce Oil Company (also known as Pierce Oil Company, York Oil Company, Inc., Pierce Oil Service,

Pierce Bothers Oil Service and Kenneth Pierce Oil Service), its agents, employees, or independent contractor, during the years 1950 to 1979 not previously identified as such in response to question number 3.

a. Provide a list identifying all records and documents pertaining to the off-site shipment of these materials (i.e. manifests, invoices, etc.). If no such documentation exists, please explain why.

b. Provide the final destination for each removal by Pierce Oil Company.

c. Provide a list identifying all records and documents pertaining to the removal off-site of these waste materials by Pierce Oil Company (i.e., manifests, invoices, etc.). If no such documentation exists, please explain why.

d. Did Pierce Oil remove any materials containing PCBs?

6. Answer:

Upon information and belief, no data exists suggesting that during the time period in question Pierce Oil Company; and any of its affiliates, agent, employees, or independent contractor, removed any waste oils from GE's Syracuse facility.

7. Question:

Provide a list identifying all records and documents pertaining to all waste oil and lubricants removed from your facility during the years 1950 to 1979, not supplied in response to any other question contained in this letter. If these records are not available please explain why.

a. Provide the dates of removal of these materials.

b. Provide the final destination of each removal by Parent Oil Company.

c. Provide a list identifying all records and documents pertaining to the removal off-site of these waste materials by Parent Oil Company. If no such documentation exists, please explain why.

d. Did Parent Oil Company or Wally Parent remove any materials containing polychlorinated biphenyls?

7. Answer:

Please refer to GE's answers to questions 1.e. and 1.f. of EPA's 5/9/91 "Request for

Information Under 42 U.S.C. §9604(e)." Upon information and belief, no data exists suggesting that during the time period in question Parent Oil Company; and any of its affiliates, agent, employees, or independent contractor, removed any waste oils from GE's Syracuse facility.

9. Question:

List by volumes and constituent, the amount of any other waste oils and lubricants removed off-site or disposed of on-site per year, during the years 1950 to 1979, not previously addressed by your answers to other questions contained in this letter.

a. For waste oils and lubricants removed off-site, list the final destination of each load and the total volume of each.

b. Provide the names and addresses of each transporter of these loads

9. Answer:

Please refer to GE's answers to questions 1.e., 1.f., and 2.d of EPA's 5/9/91 "Request for Information Under 42 U.S.C. §9604(e)."

10. Question:

Identify by names, addresses and telephone numbers, all transporters involved in the removal of waste oils and lubricants from your facility during the years 1950 to 1979, not previously addressed in your response to this letter.

10. Answer:

Please refer to GE's answers to questions 1.e., 1.f., and 2.d of EPA's 5/9/91 "Request for Information Under 42 U.S.C. §9604(e)."

11. Question:

Identify by name and address, all sites utilized by your facility for off-site shipment of industrial wastes during the years 1950 to 1979, not previously addressed in your response to any other question contained in this letter. This information should include the amount and types of wastes sent to these facilities and the dates of shipment.

11. Answer:

Please refer to GE's answers to questions 1.e., 1.f., and 2.d of EPA's 5/9/91 "Request for

Information Under 42 U.S.C. §9604(e)."

12. Question:

State whether there exists any agreement or contract (other than any insurance policy) which may indemnify the company, present owners of shares in the company or past owners of shares in the company, for any liability that may result under CERCLA for any release of a hazardous substance agreement or contract. Identify any agreement or contract that you are unable to locate or obtain.

12. Answer:

No agreement exists, other than any insurance policy, in which General Electric-Electronics Park is indemnified for any liability that may result under CERCLA for any release of a hazardous substance.

13. Question:

State whether an insurance policy has ever been in effect which may possibly indemnify the company against any liability which the company may have under CERCLA for any release or threatened release of a hazardous substance may have occurred at the facility. If so, please provide a copy of the policy. Identify any policy that you cannot locate or obtain by the name of the carrier policy number, years in effect, nature and extent of coverage, and any other information you have.

13. Answer:

During the applicable time period, General Electric had Comprehensive General Liability insurance. Based on our experience with the carriers, we would expect them to deny coverage citing "pollution exclusion" and other standard insurance defenses. If, at some point, General Electric's ability to pay becomes an issue, we will provide copies of the relevant policies.

14. Question:

Please provide EPA corporate income tax forms for the years 1980-1987 showing the company's losses or profits for those years.

14. Answer:

Enclosed as Exhibit I is a copy of General Electric's 1990 Annual Report.

EXHIBIT A

EXPOSURE AND CONTAMINATION

CONTROL PLAN

(ECCP)

POLYCHLORINATED BIPHENYLS (PCBs)

GENERAL ELECTRIC COMPANY

ELECTRONICS PARK

SYRACUSE, NEW YORK

ORIGINAL ISSUE - APRIL 1979

AMENDMENT - JANUARY 1982

R.O. QUIMBY, MANAGER
PLANT ENGINEERING & CONSTRUCTION
GENERAL ELECTRIC COMPANY
ELECTRONICS PARK
SYRACUSE, NEW YORK 13211
(315)456-2151

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APPENDICES

7.1	Records
7.2	PCB Transformer Inspection Log
7.3	Procedures For Servicing Transformers
7.4	PCB Exposure Health Care
7.5	Commercial Waste Oil Collectors
7.6	EPO Information Letter
7.7	ESD Environmental Protection Bulletin
7.8	Federal PCB Regulations - 6/31/79
7.9	Federal PCB Regulations - 6/7/78

1.0 PURPOSE

Develop and implement an Exposure and Contamination Control Plan (ECCP) for Polychlorinated Biphenyls (PCBs), including rules for disposal, marking, and use, in accordance with EPA Regulations. Distribute and maintain copies for EPA review.

2.0 OBJECTIVE

Protect the environment from contamination by PCBs through proper use, handling, and disposal in a manner which will not present an unreasonable risk of injury to health or the environment.

Document control measures applied or to be implemented to prevent, contain, and, if necessary, clean up releases.

Develop a written operations plan designed to inform and instruct all personnel involved with PCB activities.

3.0 SCOPE

Identify, mark, and maintain records of PCBs including transformers, large capacitor banks, and service supply drums.

Outline disposal requirements.

Develop PCB exposure and contamination control plans as set forth in Annex VII (Section 761.46) of the EPA Regulations.

4.0 GENERAL

4.1 Description of Electronics Park

Electronics Park is a General Electric Company industrial facility located in the Town of Salina, New York, bordered on the south by the New York State Thruway (Interstate Route 90) and approximately one mile west of Interstate Route 81, north-west of the City of Syracuse.

The Park consists of 17 separate buildings with a gross floor space of 1,859,000 s.f. situated on a 183 acre site. The principal activities at the Park are the manufacture of television picture tubes and electronic devices, electronic research and Corporate Division and Department offices, with associated support type building facilities such as: warehouses, boiler house, etc.

Discharge of wastewaters from the premises is essentially by the following methods:

A. Sanitary and process wastewaters flow in sewer pipes to the Ley Creek Municipal Sewage Treatment Facility.

4.0 continued

4.1 continued

B. Storm water, heat exchanger water, and boiler blowdown are discharged to Bloody Brook which flows through the Park by way of two separate branches. These branches are joined together approximately 3/4 of a mile south of the Thruway and then discharge to Onondaga Lake about 1/4 of a mile further down stream.

4.2 PCBs in Electronics Park include power transformers and capacitors, lighting fixture ballasts, and electronic equipment. The PCB liquid mixture in these articles is the askarel GE "Pyranol" type.

4.3 Records for PCB power transformers, capacitors, and service supply drums, that have been marked, are maintained in accordance with Annex VI (Section 761.45). A copy is included in Appendix 7.1 of this plan.

4.4 All power transformers (unit substation)rooms and areas have been curbed and sealed to provide local containment of contents during servicing or in the event of release.

4.5 PCB containing transformers can continue to be used and serviced under the EPA promulgated "Interim Measures Program" (IMP) until further rulemaking regarding PCB use is made.

The IMP requires visual inspection of all PCB containing transformers in use or in storage at least once every three months and servicing of a leaking transformer to commence within two business days from the date the leak is observed. An inspection log form is included in Appendix 7.2 of this plan.

4.6 Disposal and storage requirements for PCBs are outlined in Part 6.0 of this plan. Incineration, chemical waste landfill or municipal landfill apply as noted.

4.7 Proper use, servicing and disposal controls are designed to prevent releases to the environment. A reportable spill (10 lbs. or more of "Pyranol" for example) would be cleaned up in accordance with Part 5.0 of this plan.

5.0 EXPOSURE AND CONTAMINATION CONTROL PLANS - Specifics

5.1 Purpose

To help insure that risks associated with PCB activities are minimal. Delineate steps and processes associated with PCB activities including basic steps for response to releases, such as spills and requirements for notification of proper authorities.

5.0 continued

5.2 Procedures for Servicing

5.2.1 The following non-totally enclosed activities are detailed in Appendix 7.3 of this plan.

a) Sampling and testing transformer and transformer primary disconnect switch PCBs.

b) Repairing transformer primary disconnect switches or working on cables and potheads where PCB is drained from the switch.

c) Repairing minor bushing gasket and case leaks.

d) Repair when bushings fail and leak is excessive.

e) Repair if cooling fin or case is damaged and leak is excessive.

5.2.2 Local Containment

a) All work shall be performed within the curbed area around transformers. If a larger work area is required, curbing must be extended.

b) All PCBs shall be confined to the curbed area and wastes collected in approved containers for disposal.

5.2.3 Worker Exposure

a) Provide ventilation as required to minimize the strong pungent odors of PCBs at work sites.

b) Wear protective clothing such as gloves, overalls, hats, and goggles to minimize contact with skin. Properly dispose of contaminated material in accordance with Part 6.0 of this plan.

c) In the event of eye contact, rinse immediately with water and then treat as specified in Appendix 7.4, a Monsanto excerpt about Personal Care.

d) Wash hands with soap and water.

5.0 continued

5.3 Procedures for Response and Control

In the event of a release of PCBs escaping primary controls, that present an environmental risk, the following responses and controls are required.

5.3.1 Notification

a) General reporting of environmental violations is outlined in the SR&UO Area Policy and Instruction 13-4.01.

b) The General Electric 24 hour per day telephone number for relaying information is (315)456-2470, Syracuse Area Patrol Office.

c) General Electric Company personnel, responsible for coordinating responses:

Name	Plant Extension	Home Telephone
B.L. Pickard	3027	(315)673-4313
R.O. Quimby	2151	(315)685-6985
L.G. Crandall	2176	(315)673-3925
C.O. Goodrich	3524	(315)457-6756

d) Electrical problems related to PCB problems such as transformer failure are covered under standard emergency call-in procedures.

e) N.Y.S. Department of Environmental Conservation:

Name	Office	Home
Thomas Suozzo	473-8311	(315)471-2098
Allen Roland	473-8311	(607)749-4047
James Burke	473-8311	(315)451-4364

f) U.S. Coast Guard National Response Center - (800)424-8802

g) U.S. Environmental Protection Agency - Region II 24 Hour Answering Service (201)548-8730

h) Records shall be retained for all releases and shall show the following:

Time and Date of Release
Source
Quantity
Environmental or Health Risk Involved
Action Taken to Contain and Clean-up Release
Personnel on Scene
Date of Completion

5.0 continued

5.3.2 Procedures for Control, Mitigation, and Clean-up

a) All waste PCB - contaminated liquids or Pyranol to be stored shall be placed in clean, 55 gallon, 18 gauge steel drums with closed two bung head (DOT Specification 17E Type or equal). All PCB-contaminated solid materials shall be placed in clean, 55 gallon, 16 gauge steel drums with removable head (DOT Specification 17C Type or equal). Ten 55 gallon, closed head type drums are kept in the PCB storage area to be used in the event of a PCB spill. (The largest PCB-containing transformers contain approximately 450 gallons of dielectric fluid.)

b) For small transformer leaks a vacuum pump can be utilized to stop the leaking until special epoxy repairs are made. A pump for this purpose and special epoxy shall be kept in the PCB storage area. To use, de-energize the transformer, connect the vacuum pump hose to the vent fitting above the liquid in the transformer and hold the vacuum to 4 lbs. or less until the transformer is repaired.

c) In case the PCB-containing liquid must be removed from a transformer to prevent possible environmental damage a transfer pump would be used. A pump for this purpose with hoses shall be kept in the PCB storage area. The liquid must be transferred into approved drums (DOT 17E Type). The transformer must be de-energized.

d) Absorbant such as Speedi-Dry and rags shall be kept available for PCB clean-up. Used waste debris of this type must be placed in approved containers (DOT 17C Type).

e) All waste PCB material shall be returned to the PCB storage area for disposal.

f) General Electric Service Shops have special authorization to service transformers. Their work would be monitored to insure compliance with these regulations.

5.3.3 Procedures for Cleaning Releases

a) Commercial oil collectors available for hire in EPA Region II are listed in Appendix 7.5 of this plan.

b) Any PCB wastes or residues including contaminated soil shall be placed in approved containers for disposal (Section 5.3.2(a) of this plan).

5.0 continued

5.3.3 continued

c) If the commercial oil collector is not authorized to handle disposal, then the PCB waste materials would be placed under control of the General Electric Waste Disposal Department for storage and delivery to an approved disposal facility.

5.3.4 Approved disposal sites are listed in Appendix 7.6 of this plan.

5.3.5 Training and Review
This report and activities described herein shall be reviewed in detail on a semi-annual basis with all persons involved.

5.3.6 Filing of This ECC Plan
Copies shall be available as follows:
- with the SPCC Plan,
- in Electronics Park Bldg. 9 facilities office,
- in Electronics Park Bldg. 10 maintenance office,
- in the principal office of any servicing organization utilized,
- with each group of employees as they perform activities that present an exposure or contamination risk.

5.3.7 Certification
I, the undersigned, hereby attest that this PCB Exposure and Contamination Control Plan has been prepared in accordance with good engineering practice and that the plan complies with the provisions of Annex VII (Section 761.46) of EPA's Regulations on the Use of PCBs.

Barry L. Pickard

Barry L. Pickard, P.E.
Plant Engineer

6.0 DISPOSAL REQUIREMENTS (Section 761.10)

6.1 PCB Contaminated Materials

6.1.1 PCB Mixture

Example: Liquid Pyranol or any mixture with 50 or more ppm PCB.

Disposal: Approved Incinerator.
See Annex I (Section 761.40)

6.1.2 Non-Liquid PCBs

Example: Contaminated soil, rags, or other debris.

Disposal: Approved Incinerator or Chemical Waste Landfill.
See Annex II (Section 761.41).

6.1.3 PCB Sludge Mixture

Example: Dredge Spoils.

Disposal: Approved Incinerator or Chemical Waste Landfill or other manner, if application is approved by EPA.

6.2 PCB Containing Apparatus

6.2.1 Transformer with dielectric fluid containing a PCB concentration of 50 ppm or greater, but less than 500 ppm.

Disposal: Municipal landfill after:

a) drain all free flowing liquid,

b) dispose of liquid in accordance with Section 6.1.1 above.

6.2.2 Transformer with dielectric fluid containing a PCB concentration of 500 ppm or greater.

Disposal: Approved Incinerator or Chemical Waste Landfill after:

a) drain all free flowing liquid,

b) refill with solvent such as kerosene,

c) allow to stand for 18 hours,

d) drain PCB/solvent mixture,

e) dispose of PCB/solvent mixture in an approved incinerator.

6.0 continued

6.2 continued

6.2.3 Other Transformers with dielectric fluid containing a PCB concentration of less than 50 ppm.

Disposal: Approved Incinerator or Chemical Waste Landfill after:

a) drain all free flowing liquid,

b) dispose of dielectric in an approved incinerator.

6.2.4 PCB Capacitors

a) Small PCB Capacitors (those containing less than 3 lbs. of dielectric fluid)

Example: Ballasts, motor run capacitors,

Disposal: As Municipal Solid Waste.

b) Large PCB Capacitors (those containing more than 3 lbs. of dielectric fluid)

Example: High voltage capacitor bank.

Disposal: Approved Incinerator.

6.2.5 Other PCB Articles

Disposal: Approved Incinerator or Chemical Waste Landfill after:

a) drain all free flowing liquid,

b) dispose of liquid in an approved incinerator.

6.3 PCB Containers

Example: Drum of waste liquid, or debris.

Disposal: Approved Incinerator or Chemical Waste Landfill after:

a) drain all free flowing liquid,

b) dispose of liquid in an approved incinerator.

6.0 continued

6.4 Storage for Disposal

6.4.1 Facilities Requirements

a) roof and walls to prevent rain water from reaching stored items,

b) impervious concrete or steel floors,

c) a minimum six inch high curb for containment,

d) no drains or openings which would allow liquids to flow out of the curbed area,

e) containment volume equal to at least two times the volume of the largest PCB article or PCB container, or 25% of all PCB articles or containers, whichever is larger,

f) not located below the 100-year flood level.

6.4.2 Storage Area 1

a) Location: Cable vault room - Bldg. 10.

b) Use: For PCBs related to operation and maintenance of PCB transformers.

c) Period of Storage:
PCB articles or PCB containers stored for disposal before January 1, 1983, shall be removed and disposed of before January 1, 1984. Any PCB article or PCB container stored for disposal after January 1, 1983, shall be removed from storage within one year from the date when it was placed into storage.

6.4.3 Storage Area 2

a) Location: Non-Flammable hazardous waste storage facility - Bldg. 7 Chem-Annex.

b) Use: For any non-leaking PCB articles or containers.

c) Period of Storage:
Same as for Section 6.4.2.

6.0 continued

6.4.4 Inspection of Containers and Facility

At a maximum interval of 30 days.

6.5 Other Requirements

6.5.1 Containers

See Section 5.3.2(a) of this plan.

6.5.2 Decontamination

a) PCB containers may be decontaminated for re-use by flushing three times with a solvent (kerosene) containing less than 50 ppm PCB. Each rinse shall use a volume of solvent approximately equal to 10% of the PCB container capacity.

b) Movable equipment used in storage areas shall be decontaminated by swabbing surfaces that have contacted PCBs with a solvent (kerosene) containing less than 50 ppm PCB.

6.5.3 Marking

a) Each PCB storage area shall be marked with the standard PCB identifying mark, M_L, shown in Appendix 7.8 of this plan.

b) Each PCB container and PCB containing apparatus placed in storage shall be marked with the standard PCB identifying mark, M_L, and with the date it was placed in storage.

c) All PCB waste containers placed in storage shall also be marked with the GE waste disposal code, 13-44 for PCB dielectric fluid, 13-74 for PCB contaminated solid waste or 13-85 for empty drums contaminated with PCBs.

6.5.4 Records

Records for PCB storage are included with the PCB inventory records a copy of which is included in Appendix 7.1 of this plan.

6.5.5 Other Instruction

a) GE-ESD Instruction 32.02.01 - Appendix 7.7

b) Monsanto-Personal Care Excerpt - Appendix 7.4

APPENDICES

APPENDIX 7.3

7.4 Procedures for Servicing Transformers

These procedures relate to handling of PCBs (Pyranol) and are not intended to cover technical aspects of maintenance tasks involved.

7.4.1 Sampling and testing transformers and transformers primary disconnect switch PCBs.

a) Material
Sample bottles and carrying rack.
Clean rags.
5 gallon container for waste PCB rags.
1 gallon kerosene (solvent).
Protective equipment.
Hand tools.

b) Top samples should be taken
Vent transformer to relieve pressure or vacuum.
Open sample valves slowly so all liquid withdrawn goes into sample bottles.
Close valves securely (sample and vent).
Clean up drippings and recheck valves.
Bring all material back to test/storage area.

c) When testing is completed, place all PCBs in proper storage containers for disposal.
Mark containers - M_L-.

7.4.2 Repairing transformers primary disconnect switches or working on cables and potheads where PCB is drained from the switch.

a) Material
5 gallon and 30 gallon containers for 34 gallon Pyranol contents.
30 gallon drum cart.
Hose, funnel, etc. for liquid transfer.
Clean rags.
Speedi-dry.
5 gallon containers for waste PCB rags and Speedi-dry.
5 gallon container for waste PCB liquid, if any.
1 gallon kerosene (solvent).
Protective equipment.
Hand tools.

b) De-energize transformer and 15 KV feeder and secure for safety as per standard electrical procedures.

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: MAF041237

SEND MANIFEST TO:
GENERAL ELECTRIC COMPANY
PO BOX 4840, EP2-147
SYRACUSE, NY 13221-4840
ATTN: KEN BURNS

GENERATOR NAME: GENERAL ELECTRIC COMPANY

ADDRESS: ELECTRONICS PARK
SYRACUSE, NY 13221

EPA ID NUMBER: NYD059385120

ITEM	NUMBER	Type/ Description	Serial No. or Other ID No.	Date of Removal From Service For Disposal	Volume (gallons) or Weight (kilograms)
11A	1	1X55 PCB1 LIGHT BALLASTS GREATER THAN 500 PPM	GENBAL 1	11/2/90	250 KGS
11A	2	1X55 PCB1 LIGHT BALLASTS GREATER THAN 500 PPM	GENBAL 2	11/5/90	250 KGS
11A	3	1X55 PCB1 LIGHT BALLASTS GREATER THAN 500 PPM	GENBAL 3	11/5/90	250 KGS
		X Roberta Dewan			

NOTES

1. **Type/Description:** Brief description of the unit such as:
   (i) Transformer (> 500 ppm or < 500 ppm) **(ii) Capacitor** **(iii) Bulk Liquid/Solid** (tanker or rolloff)
   (iv) PCB Container - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
   (v) PCB Article Container - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

GENERATOR-MAILED BY TSDF

CHI 159

50054

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: NYD059385120 — Manifest Document No.: SB840
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GENERAL ELECTRIC COMPANY, P.O. BOX 4840, EP2-147, SYRACUSE, NEW YORK 13221
4. Generator's Phone (315) 456-0509

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC. — 6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name: CLEAN HARBORS OF Kingston, Inc — 8. US EPA ID Number: MAD039322250
9. Designated Facility Name and Site Address: CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVE., BRAINTREE, MA 02184 — 10. US EPA ID Number: MAD053452637

A. State Manifest Document Number: [illegible]
B. State Gen. ID: [illegible]
C. State Trans. ID: [illegible]
D. Transporter's Phone: 617 [illegible]
E. State Trans. ID: 51979 [illegible]
F. Transporter's Phone: 617 585-5111
G. State Facility's ID: Not Required
H. Facility's Phone: (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. R.Q. HAZARDOUS SUBSTANCE, ~~XXXXX~~ LIQUID (36), N.O.S. (POLYCHLORINATED BIPHENYLS) ORM-E, NA9188	003	DM	00750	K	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
3D R78674 (PCB LIGHT BALLASTS)
a. ~~PCB1-GREATER THAN 500 PPM~~ c.
b. d.

K. Handling Codes for Wastes Listed Above
a. S01 c.
b. d.

15. Special Handling Instructions and Additional Information
11C) DATE OF REMOVAL FROM SERVICE (1X55 = 11/2/90, 2X55 = 11/5/90)
24 HOUR EMERGENCY #: 1-800-OIL-TANK

NYS HANDLING CODES: 11A.)B,L

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.

If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: ROBERTA DEWAN — Signature: Roberta Dewan — Date: Month 11 Day 06 Year 9[illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK V. McDONALD — Signature: Mark V. McDonald — Date: Month 11 Day 06 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roger Twofoot — Signature: Roger Twofoot — Date: Month 11 Day 07 Year 90

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: [illegible] — Signature: [illegible] — Date: Month 11 Day 9 Year 9[illegible]

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 3: FACILITY MAILS TO GENERATOR

Clean Harbors

FEP

CERTIFICATE OF DISPOSAL

MANIFEST NOS: MAF041237

GENERATOR: General Electric

FACILITY ADDRESS: Electronics Parkway Syracuse, NY 13201

PICK UP DATE: 11-8-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

Clean Harbors of Braintree, Inc. warrants that it shall indemnify, hold harmless, and defend the generator from any liability, claims and penalties as a result of destruction or damage to any property, contamination of or adverse effects on the environment, any violation of governmental laws, regulations or orders, or death or bodily injury to any person caused by or in any manner connected with the treatment or disposal of material specified on this order.

Treatment/Disposal Method

1. Recovery
2. Liquids Incineration
3. Solids Incineration CHC
4. Wastewater Treatment
5. Secure Chemical Landfill*
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

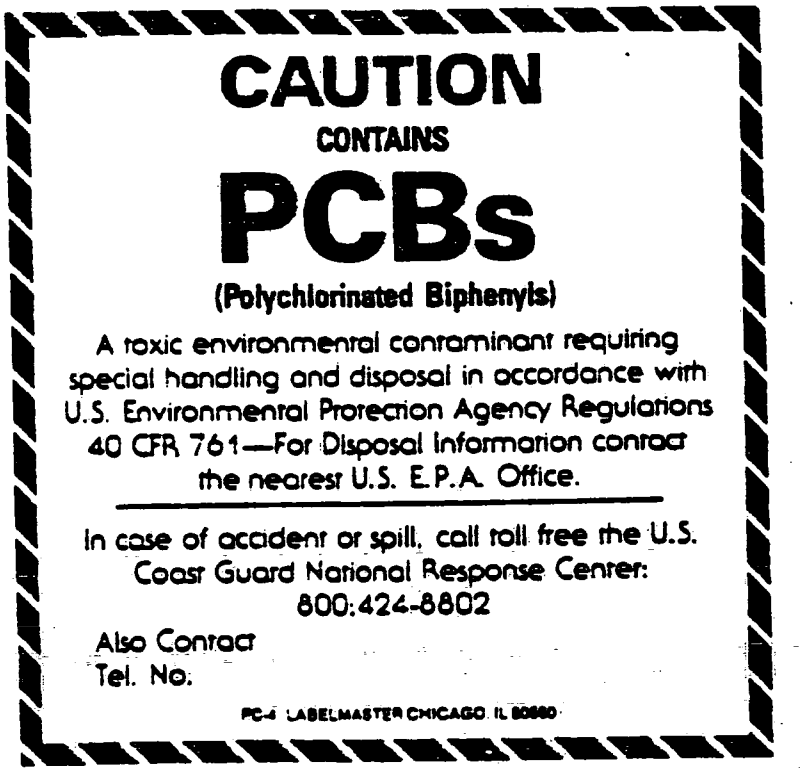
Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-12-91

EXHIBIT B

EXHIBIT "A"



The above sample marking label must have black letters on white or yellow background using 6" X 6" durable labels wherever possible. Minimum size allowed is 2" X 2" labels for small items unable to accept the larger identification markings. Labels are available from:

Labelmaster (Phone (AC312-973-5100)
6001 N. Clark Street
Chicago, Illinois 60660

Large Mark (M_L) - 6" X 6": Style PC-6
(Minimum quantities 100).
2" X 2": Style PC-2

(g)(continued)
contains PCBs or PCB articles and whose surface(s) has been in direct contact with PCBs.

(h) "PCB equipment" containing a small PCB capacitor must be marked "contains PCB capacitor(s)" if manufactured after 1/1/79.

(i) "PCB equipment" containing PCB transformer or large high voltage capacitor must be marked at time of manufacture or at time of distribution or removal from use if not already marked.

2. As of October 1, 1978 each transport vehicle carrying PCB containers with more than 45 KG (99.4 lbs.) of PCB chemical substances or PCB mixtures in the liquid phase or with one or more PCB transformers must be marked per "Exhibit A" on page 3.

3. As of January 1, 1979 all transformers or high and low voltage capacitors containing PCBs must be marked per "Exhibit A" on page 3.

4. All marks must be placed on the exterior of the item so the mark can be read for inspection or servicing. Where one or more PCB large high voltage capacitors are installed in a protected location, the structure protecting the capacitors may be marked instead of each capacitor.

C. RECORD KEEPING PROCEDURES

1. Immediately each owner or operator of a facility containing at least 45 KG (99.4 lbs.) of PCBs in PCB containers or one or more PCB transformers, or 50 or more PCB large high voltage capacitors shall develop and maintain annual records (each July 1) documenting the following:

(a) Equipment in service or projected for disposal:

. Type of equipment

. Location

. Total weight in KG of PCBs

(b) Equipment being removed from service:

. Type of equipment

. Location

. Total weight in KG of PCBs

. Date being removed, placed in storage immediately at EP-9 (Refer to Solid Waste Disposal Bulletin No. 32.02.07 Appendix A) and placed in transit for disposal.

CLASSIFICATION • ENVIRONMENTAL PROTECTION BULLETIN

SUBJECT • (PCBs) - Marking and Record Keeping

PURPOSE AND SCOPE • Establish Procedures for HMED

REFERENCE: Federal Register--Title 40, Part 761, Disposal and Marking of PCBs dated 2/17/78 and 44FR31514 - 31563 dated 5/31/79.

DEFINITION: PCB....The PCB substance or combination of substances that contains 50 ppm or greater of PCBs.

A. RESPONSIBILITY

It is the responsibility of the organization handling these materials to insure the marking and record keeping is in compliance with the Federal regulations.

B. MARKING PROCEDURES

1. Immediately the following items must be marked per "Exhibit A" on Page 3.

   (a) Electric motors using PCB coolants.

   (b) Hydraulic machinery using PCB hydraulic fluid.

   (c) Heat transfer systems (other than transformers) using PCBs.

   (d) "PCB article container" means any package, can, bottle, bag, barrel, drum, tank, box, or other device used to contain PCB articles or PCB equipment, and whose surface(s) has not been in direct contact with PCBs.

   (e) Each storage area assigned to store PCBs for disposal.

   (f) All transformers and large low or high voltage capacitors being removed from service. PCB-contaminated transformers need not be marked.

   (g) "PCB container" means any package, can,....or other device that

V. Specific Authorizations (continued)

The rule permits the owner of a PCB transformer to attempt to convert the unit to a PCB-contaminated transformer through retrofilling. The PCB fluid must be drained from the transformer and replaced by a non-PCB fluid. If, after three months of in-service use, the fluid in the transformer contains less than 500 ppm PCBs, the transformer may be reclassified as a PCB-contaminated transformer.**

2. Hydraulic and Heat Transfer Systems

The authorization for continued use of these systems requires that any system that ever contained PCBs be tested for PCB concentration by November 1, 1979, and annually thereafter if the level is 50 ppm or greater. Those systems that equal or exceed the 50 ppm level must be drained and refilled with a non-PCB fluid within six months of testing. Testing records must be retained for 5 years after achieving a concentration less than 50 ppm.

3. Small Quantities for R&D

This authorization permits continued use of PCBs "for purposes of scientific experimentation or analysis, or chemical research on, or analysis of, PCBs" provided the person engaged in the activity is granted an exemption and PCBs are originally packaged in "one or more hermetically sealed containers of a volume of no more than five (5.0) milliliters."

**NOTE: Neither EPO, the Large Transformer Business Division nor the Apparatus Service Business Division recommend retrofill at this time because of technical, safety and environmental problems.

2. Waste	Methods	Restrictions
- PCB small capacitors (by manufacturer of PCB capacitors or equipment if acquired in course of manufacturing)	1,2	Annex II Chemical Waste Landfills until 3/1/81
- PCB small capacitors (other owners)	---	As municipal solid waste
- PCB large capacitors	1,2	Annex II Chemical Waste Landfills until 3/1/81.
- Hydraulic machines	---	As municipal solid waste if drained (flush if fluid above 1000 ppm)
- PCB containers (contained above 500 ppm)	1,2	Drain before landfill
- PCB containers (contained below 500 ppm)		As municipal solid waste

V. Specific Authorizations

1. Servicing Transformers (Non-Railroad)

The authorization for servicing of transformers is geared to the classification of the transformer to be serviced. EPA has created several presumptions in determining the appropriate class. All mineral oil transformers must be assumed to be PCB-contaminated unless tested and found not to contain between 50 and 500 ppm PCB. If there is no information available to indicate the type of dielectric fluid, the transformer must be assumed to be a PCB transformer unless tested and found to contain less than 500 ppm.

- o PCB Transformers may be serviced with a PCB fluid (500 ppm or greater) however, if serviced by a non-owner of the transformer, the service organization must have a processing and distribution exemption. Removal of the coil from a PCB transformer is prohibited.

- o PCB-contaminated transformers may be serviced only with fluids that contain less than 500 ppm PCB. Again, a non-owner service organizati must have an exemption. There is no restriction on coil removal from PCB-contaminated transformers.

IV. Disposal Requirements

1. Methods of Disposal

(1) Incinerator--must be approved by EPA Regional Office, comply with various combustion criteria, monitor operation, and undergo a trial burn and public hearing at the Region's discretion.

(2) Chemical Waste Landfill--must be approved by EPA Regional Office, comply with siting and operation criteria. Containerize capacitors in drums meeting DOT specifications. Drums must be filled with sufficient absorbent material to absorb any PCB liquid remaining in the capacitors.

(3) High Efficiency Boiler--must be approved by Regional Office or be subject of a notice to EPA depending on use, exceed 50 million BTU/hr., comply with combustion criteria.

(4) Alternate method proposed by applicant--must be approved by EPA Regional Office and provide destruction equivalent to an incinerator or high efficiency boiler.

2. PCBs and PCB items must be disposed of as follows (methods are identified by numbers in descriptions above:

Waste	Methods	Restrictions
- Mineral oil from PCB-contaminated transformers (50-500) ppm	1,2,3,4	To landfill, fluid must not be ignitable; need only notify EPA of use of high efficiency boiler.
- Other liquids (50-500 ppm)	1,2,3,4	To landfill, fluid must not be ignitable; high efficiency boiler must be approved.
- Other liquids (above 500ppm)	1	
- Non-liquid PCBs (contaminated soil, etc.)	1,2	
- Dredged materials, POTW sludges	1,2	Disposer may propose alternative method not equivalent to 1 or 3
- PCB transformers	1,2	Must be drained and flushed before disposed in landfill
- PCB-contaminated transformer tank	---	Not regulated

III. Storage Requirements

1. Temporary Storage (Continued)

Item	Restriction
Non-liquid PCBs (contaminated rags, soil, etc.)	Up to 30 days; marked with removal date; in container.
Liquid PCBs (50-500 ppm)	Up to 30 days; marked with removal date and notation "below 500 ppm"; SPCC plan for area.
Non-leaking PCB large high voltage capacitors and PCB-contaminated transformers	Until 1/1/83; next to standard storage facility with unfilled capacity for 10 percent of volume of items outside.
PCB-contaminated transformers drained	No restrictions

2. Standard Storage Facility

PCBs and PCB items designated for disposal that do not qualify for temporary storage or bulk storage (described below) must be stored in a facility that meets the following criteria:

(1) roof and walls to shield from rain;

(2) continuous and impervious floor and curbing with minimum containment volume (25% of stored volume or twice volume of largest article or container, whichever is greater);

(3) no drains or openings to permit flow outside curbed area; and

(4) above 100 year flood water elevation.

Articles and containers placed in the facility must be marked with the date placed in storage and managed to permit locating them by date placed in storage.

3. Bulk Storage Alternative

Containers used to store liquid and non-liquid PCBs in temporary storage or in a standard facility must comply with DOT specificati As an alternative to DOT specification containers and the standard storage facility, bulk storage tanks meeting OSHA standards may be used provided their structural design is reviewed for storage of PCBs and they are covered by a Spill Prevention Control and Counte measure (SPCC) plan.

c. Hydraulic and Heat Transfer Systems
   1. The authorization for these systems requires annual testing, draining and refilling if fluid contains 50 ppm or greater of PCBs.

d. Other Contaminated Waste Fluids
   1. All waste fluids that contain 50 ppm or greater of PCBs are subject to recordkeeping, storage and disposal requirements.

II. Definitions

1. PCB.....The PCB substance or combination of substances that contains 50 ppm or greater of PCBs.

2. PCB Capacitors
   a. Small.....Contains less than 3 lbs. of dielectric fluid.
   b. Large High Voltage....Contains 3 lbs. or more and operates at 2000 volts AC or above.
   c. Large Low Voltage.....Contains 3 lbs. or more and operates below 2000 volts AC.

3. Transformers
   a. PCB.....Contains 500 ppm PCB or greater.
   b. PCB-Contaminated.....Contains 50 ppm PCB or greater, but less than 500 ppm.
   c. Non-PCB.....Contains less than 50 ppm PCB.
   d. Railroad.....Used in locomotives or self-propelled cars.

III. Storage Requirements

1. Temporary Storage

The following PCB items may be stored temporarily in an area that does not comply with the requirements for a standard PCB storage facility subject to the noted restrictions:

Item	Restriction
Non-leaking PCB articles and equipment	Up to 30 days after removal from service; marked with removal date.
Leaking PCB articles and equipment	Up to 30 days; marked with removal date; in non-leaking container with sufficient sorbent material.

Appendix 7.7

E S D

GENERAL ELECTRIC

ELECTRONIC SYSTEMS DIVISION
SYRACUSE AREA COMPONENTS

DATE	INSTRUCTION NUMBER (S)
8/30/79	32.02.01
SUPERSEDES	
7/8/76	

CLASSIFICATION • Environmental Protection Bulletin

SUBJECT • Polychlorinated Biphenyls (PCB) control, storage and disposal procedures.

PURPOSE AND SCOPE •

The purpose is to establish procedures for compliance with Environmental Protection Agency (EPA) rules regulating polychlorinated biphenyl (PCB) activities.

Reference: Authority for these rules is provided by the Toxic Substance Control Act per Federal Register publication 44FR31514-31563 dated 5/31/79.

A. Responsibility

It is the responsibility of the organization handling these materials to insure that they do not enter the environment through spills, sewerage, dumping or contamination of other materials.

B. Safety

See Technical Services Laboratory, Environmental Hygiene Report #OC-134-72, and Chemical Hazard Information Sheet IX-8-71.

C. Procedure

I. General requirements associated with the use of articles.

a. Transformers

1. Dielectric fluids that contain 50 ppm or greater of PCBs are subject to disposal requirements.
2. Dielectric fluids that contain 500 ppm or greater of PCBs are subject to marking and recordkeeping requirements.
3. All PCB fluids used for servicing are subject to storage requirements.
4. The authorization for servicing prohibits removal of the coil for rebuilding if the dielectric fluid contains 500 ppm or greater PCBs.

b. Capacitors

1. Large PCB capacitors (3 lbs. or more of fluid) are subject to marking, recordkeeping and disposal requirements.

INTERPRETIVE AND REVIEW CONTACT	REVIEW SCHEDULE	COMPONENTS AFFECTED	AUTHORITY
Manager-Facilities Eng.	August	All	Dept. Instr. 01.75.02

HME 8482 8/1974

7.4.5 Repair if cooling fin or case is damaged and leak is excessive.

a) Proceed the same as for repair when bushings fail and leak is excessive.

b) If transformer could be repaired on site (external repairs) it may still be necessary to ship out to the Service Shop depending on PCB distribution in commerce requirements and maintenance supplies at the time.

7.4.6 Repair if winding fails

a) Servicing that requires transformer case and coils to be removed from the casing is not authorized. Replacement would be required.

b) If the PCB liquid dielectric leaks to the curbed area around the transformer, proceed the same as for repair when bushings fail, and leak is excessive.

c) Arrange to have the transformer disposed of directly:

1. In an incinerator that complies with Annex I.

2. In a chemical waste land fill that complies with Annex II, after the transformer has been drained and flushed as per Section 6.2 of this plan.

c) All material, drums, and work to be contained within the curbed and sealed area around the transformer.
Extend curbing as required.

d) Transfer Pyranol to containers.
Clean up drippings and place all PCB waste into containers.

e) On completion of repairs:
Test Pyranol as per 7.4.1 and, if good, transfer back from containers to switch.
Pyranol for topping or replacement to be transported from supply to site in sealed non-leaking containers.

f) On completion of work;
Clean up all drippings and waste and place in containers.
Recheck for leaks.
Transport all PCBs to storage/disposal area in closed/sealed containers.
Mark containers - M_L-.

7.4.3 Repairing minor bushing gasket and case or fin leaks.

a) Material
Special epoxy repair kit.
Clean rags.
5 gallon container for waste PCB rags.
1 gallon kerosene (solvent).
Protective equipment.
Hand tools.

b) For bushing leaks

De-energize transformer and 15 KV feeder and secure for safety as per standard electrical procedures.
Inspect bushing for cracks.
If bushing is not cracked, carefully tighten flange bolts, if external.
Apply special epoxy to prevent further leakage.
Recheck each inspection period (3 months).
For case or fin leaks;
Apply special epoxy to stop leakage.
Recheck each inspection period (3 months).

c) Clean up all drippings and waste, place in containers, and bring all PCBs to the storage area for disposal.

7.4.4 Repair when bushings fail and leak is excessive.

a) 5 gallon and 30 gallon containers.
5 gallon kerosene (solvent).
Clean rags.
Speed-dry.
Protective equipment.
Hand tools.
Pump and hoses.

b) De-energize transformer immediately and secure for safety as per standard electrical procedures. Feeder would probably have tripped. Do not reclose as per standing orders.

c) Curtail the spread of relased Pyranol inside the curbed area with Speedi-dry. Prevent any release beyond this primary containment area. Any accidental spill beyond this point must be stopped before it can reach manholes, drains, etc. A spill to the environment must be reported as per Section 5.3.1 of this plan.

d) To reduce the quantity of Pyranol released and prepare the transformer for shipment to the Service Shop:

Set up pump and containers inside the curbed area.
Check tight all hose connections.
Vent the transformer.
Transfer the PCB liquid (Pyranol) to the drums until the level is below the leak and farther as required for environmentally safe shipment.

e) Clean up all PCB wastes and place in containers.
Decontaminate the pump and bases by circulating kerosene.
Drain this PCB - solvent mixture into container.
Seal all containers.
Bring all PCB wastes back to the storage area for disposal.

f) Continuously monitor removal, rigging and loading onto transport of transformer to avoid any PCB release. Mark "M_L" before shipment. The Service Shop thru EPA authorization may require additional precautions.

CleanHarbors

FC

CERTIFICATE OF DISPOSAL

MANIFEST NOS: MAF282078

GENERATOR: General Electric

FACILITY ADDRESS: Electronics Parkway Syracuse NY 13201

PICK UP DATE: 12-28-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

Clean Harbors of Braintree, Inc. warrants that it shall indemnify, hold harmless, and defend the generator from any liability, claims and penalties as a result of destruction or damage to any property, contamination of or adverse effects on the environment, any violation of governmental laws, regulations or orders, or death or bodily injury to any person caused by or in any manner connected with the treatment or disposal of material specified on this order.

Treatment/Disposal Method

1. Recovery
2. Liquids Incineration DHI
3. Solids Incineration
4. Wastewater Treatment
5. Secure Chemical Landfill*
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-12-91

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

52633

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: NYD059385120 — Manifest Document No.: SD931
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GENERAL ELECTRIC COMPANY, P.O. BOX 4840, EP2-147, SYRACUSE NY 13221-4840
4. Generator's Phone (315) 456-0509

A. State Manifest Document Number: MA R282078
B. State Gen. ID: [illegible] ELECTRONICS PARKWAY
C. State Trans. ID: MA 53724
D. Transporter's Phone (617) 585-5111
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (617) 849-1807

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: CLEAN HARBORS OF BRAINTREE, INC. BRAINTREE, MA 02184
10. US EPA ID Number: 385 QUINCY AVE. MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. R.Q. HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYCHLOR-ORM-E, NA9188 (PCB OIL) INATED BIPHENYLS)	002	DM	00350	K	PCB2 MA02
b.					
c.					
d.					

J. R78680 (PCB2 OIL GREATER THAN 500 PPM) 2X5 (Include physical state and hazard code.)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. S01 c.
b. d.

15. Special Handling Instructions and Additional Information
NYS HANDLING CODES: 11A)B
24 HOUR EMERGENCY #: 1-800-OIL-TANK

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.

If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: FRANK P. Collis — Signature: Frank P. Collis — Date: Month 12 Day 28 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: FRED SORRENTINO — Signature: Fred Sorrentino — Date: Month 12 Day 28 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: Mark Kenda — Signature: [illegible] — Date: Month 12 Day 29 Year 90

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: NAF282078

SEND MANIFEST TO: GENERAL ELECTRIC COMPANY
PO BOX 4840, EP2-147
SYRACUSE, NY 13221-4840

GENERATOR NAME: GENERAL ELECTRIC COMPANY

ADDRESS: ELECTRONICS PARK
SYRACUSE, NY 13221

EPA ID NUMBER: NYD 059385120

ITEM	NUMBER	Type/ Description	Serial No. or Other ID No.	Date of Removal From Service For Disposal	Volume (gallons) or Weight (kilograms)
11A	1	2X55 PCB2 OIL (GREATER THAN 500 PPM)	GENELEC-EP1-2	12/07/90	350K
		Frank P. Collis	FRANK P. Collis	12-28-90	

NOTES

1. **Type/Description:** Brief description of the unit such as:
   (i) Transformer (> 500 ppm or < 500 ppm) **(ii) Capacitor** **(iii) Bulk Liquid/Solid** (tanker or rolloff)
   (iv) PCB Container - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
   (v) PCB Article Container - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

Clean Harbors

CERTIFICATE OF DISPOSAL

MANIFEST NOS: mac884935

GENERATOR: General Electric

FACILITY ADDRESS: Electronics Parkway Syracuse NY 13201

PICK UP DATE: 8-17-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

Clean Harbors of Braintree, Inc. warrants that it shall indemnify, hold harmless, and defend the generator from any liability, claims and penalties as a result of destruction or damage to any property, contamination of or adverse effects on the environment, any violation of governmental laws, regulations or orders, or death or bodily injury to any person caused by or in any manner connected with the treatment or disposal of material specified on this order.

Treatment/Disposal Method

1. Recovery
2. Liquids Incineration
3. Solids Incineration CHC
4. Wastewater Treatment
5. Secure Chemical Landfill*
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-12-91

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: NYD059385120 — Manifest Document No.: 5C669

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GENERAL ELECTRIC COMPANY, PO BOX 4840, EP9-102
SYRACUSE, NEW YORK 13221-4840

4. Generator's Phone (315) 456-0509

A. State Manifest Document Number: MA [illegible]
B. State Gen. ID: ELECTRONICS PARK FACILITY
C. State Trans. ID: MA [illegible]
D. Transporter's Phone: 617 585-5111
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 617 849-1807

5. Transporter 1 Company Name: CLEAN HARBORS OF KINGSTON, INC.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVE.,
BRAINTREE, MA 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ. HAZARDOUS SUBSTANCE, LIQUID NOS. ORM-E NA9188 (polychlorinated biphenyls)	001	DF	00005	K	PCB1 MA02
b. RQ. HAZARDOUS SUBSTANCE, LIQUID NOS. ORM-E NA9188 (polychlorinated biphenyls)	005	DM	00850	K	PCB1 MA02
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. CAPACITOR (7500 PPM) R34703 1X30 PCB1
b. CAPACITORS (7500 PPM) R78674 5X55 PCB1
c.
d.

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c.
d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY #: 1-800-OIL-TANK

NYS HANDLING CODES: 11a) B 11b) B

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.

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Printed/Typed Name: FRANK P. Collis — Signature: Frank P. Collis — Date: Month 08 Day 17 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Gerald S. Reid — Signature: [signature] — Date: Month 08 Day 17 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: Barry Taggart — Signature: Barry Taggart — Date: Month 08 Day 17 Year 90

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039 Expires 9-30-91
EPA Form 8700-22 Rev. 9-88) Previous editions are obsolete.

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: MAC884935 GENERATOR NAME: GENERAL ELECTRIC CO.

ADDRESS: ELECTRONICS PARKWAY EP9-102
SYRACUSE, NY 13221-4840

EPA ID NUMBER: NYD 059 385 120

ITEM	NUMBER	Type/ Description	Serial No. or Other ID No.	Date of Removal From Service For Disposal	Volume (gallons) or Weight (kilograms)
1	6E01	capacitor (PCB) (>500 ppm)	6E00001	8-16-90	5K
2	6E02	capacitors (PCB) (>500 ppm)	6E00002	8-14-90	100K
3	6E03	capacitors (PCB) (>500 ppm)	6E00003	7-24-90	200K
4	6E04	capacitors (PCB) (>500 ppm)	6E00004	7-3-90	150K
5	6E05	capacitors (PCB) (>500 ppm)	6E00005	7-24-90	200K
6	6E06	capacitors (PCB) (>500 ppm)	6E00006	7-24-90	200K
		FRANK P. Collis	Frank P. Collis	8-17-90	

NOTES

1. **Type/Description:** Brief description of the unit such as:
   (i) Transformer (> 500 ppm or < 500 ppm) **(ii) Capacitor** **(iii) Bulk Liquid/Solid** (tanker or rolloff)
   (iv) PCB Container - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
   (v) PCB Article Container - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

CleanHarbors

FEB

CERTIFICATE OF DISPOSAL

MANIFEST NOS: MAC 698419

GENERATOR: General Electric

FACILITY ADDRESS: Electronics Parkway Syracuse NY 13201

PICK UP DATE: 7-5-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

Clean Harbors of Braintree, Inc. warrants that it shall indemnify, hold harmless, and defend the generator from any liability, claims and penalties as a result of destruction or damage to any property, contamination of or adverse effects on the environment, any violation of governmental laws, regulations or orders, or death or bodily injury to any person caused by or in any manner connected with the treatment or disposal of material specified on this order.

Treatment/Disposal Method

1. Recovery
2. Liquids Incineration DH
3. Solids Incineration CHC
4. Wastewater Treatment
5. Secure Chemical Landfill*
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-12-91

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

43768
563
S0576

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MYD059385120 — Manifest Document No.: 90001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: General Electric Co PO Box 4840 Syracuse, NY 13221 EP9-102
4. Generator's Phone (315) 456-0509
5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc
6. US EPA ID Number: MAD039322250
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Clean Harbors of Braintree, Inc 385 Quincy Ave Braintree, MA 02184
10. US EPA ID Number: MAD053452637

A. State Manifest Document Number: MA [illegible]
B. State Gen. ID: [illegible]
C. State Trans. ID: PC[illegible]
D. Transporter's Phone: (617) 585-5711
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: (617) 849-1807

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. R.Q. Hazardous Substance Liquid, NOS ORME, NA9189 (PCB)	008	DM	02400	K	PCB1 MA012
b. RQ Hazardous Substance Liquid NOS ORME, NA9189 (PCB)	003	DM	003100	K	PCB2 MA012
c. RQ Hazardous Substance Liquid NOS ORME, NA9189 (PCB)	001	DM	000210	K	PCB2 MA012
d. Residue last containing; "RQ Hazardous Substance Liquid NOS ORME, NA9189 (PCB)"	002	DM	001100	G	MA199

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Light Ballasts (L)(T) (CHC)
b. Transformer oil (L)(T) (DH22)
c. waste oil (L)(T) (DH1)
d. empty drums (D23H)

K. Handling Codes for Wastes Listed Above
a. S01
b. S01
c. S01
d. S01

15. Special Handling Instructions and Additional Information
11a R78674 8X55
11b R78671 3X30
11c R78680 1X5
See attached TSCA sheet
In case of emergency, Call 1(800) OIL-TANK

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.

If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X Kenneth Burns — Signature: Kenneth Burns — Date: Month 07 Day 03 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mark V. McDonald — Signature: Mark V. McDonald — Date: Month 07 Day 03 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: John Insall — Signature: John Insall — Date: Month 07 Day 05 Year 90

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: MC698419

GENERATOR NAME: General Electric Co.

ADDRESS: Electronics Park
Syracuse NY 13221

EPA ID NUMBER: NYD059385120

ITEM	NUMBER	Type/ Description	Serial No. or Other ID No.	Date of Removal From Service For Disposal	Volume (gallons) or Weight (kilograms)
A	8	Light Ballasts PCB1	001, 002, thru 008	6/28/90	8x300 Kg
B	3	transformer oil PCB2	001, 002, 003	6/28/90	3x100 Kg
C	1	waste oil PCB2	001	6/28/90	1x20 Kg

NOTES

1. **Type/Description:** Brief description of the unit such as:
   (i) Transformer (> 500 ppm or < 500 ppm) **(ii) Capacitor** **(iii) Bulk Liquid/Solid** (tanker or rolloff)
   (iv) PCB Container - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
   (v) PCB Article Container - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If mor than one item (batch) is present in the container (tank), the reported date for the entire container (tank) mu be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

CleanHarbors

EP

CERTIFICATE OF DISPOSAL

MANIFEST NOS: MAC698595

GENERATOR: General Electric

FACILITY ADDRESS: Electronics Parkway Syracuse NY 13201

PICK UP DATE: 1-20-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

Clean Harbors of Braintree, Inc. warrants that it shall indemnify, hold harmless, and defend the generator from any liability, claims and penalties as a result of destruction or damage to any property, contamination of or adverse effects on the environment, any violation of governmental laws, regulations or orders, or death or bodily injury to any person caused by or in any manner connected with the treatment or disposal of material specified on this order.

Treatment/Disposal Method

1. Recovery
2. Liquids Incineration
3. Solids Incineration
4. Wastewater Treatment
5. Secure Chemical Landfill*CHS
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-12-91

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Job # [illegible]

35339

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

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: NYD059385120 — Manifest Document No.: 98595

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
General Electric Co., PO Box 4840 (EP9-102), Syracuse, NY 13221-4840

4. Generator's Phone (315) 456-3027

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.

6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc., 385 Quincy Ave., Braintree, MA 02184

10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ Hazardous Substance Liquid, N.O.S. (Polychlorinated Biphenyls), ORM-E, NA 9188	004	DM	00220	GAL
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code.)
R34208 (PCB Sludge)

K. Handling Codes for Wastes Listed Above: 5011

15. Special Handling Instructions and Additional Information
24 Hour Emergency # :1-800-OIL-TANK

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.

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Printed/Typed Name: K C BURNS — Signature: K C Burns — Date: Month 01 Day 18 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James R Hendrick — Signature: James R Hendrick — Date: Month 01 Day 18 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: [illegible] — Signature: [illegible] — Date: Month [illegible] Day [illegible] Year [illegible]

GENERATOR / TRANSPORTER / FACILITY

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILS TO GENERATOR

Clean Harbors

FEP

CERTIFICATE OF DISPOSAL

MANIFEST NOS: MAC 698547

GENERATOR: General Electric

FACILITY ADDRESS: Electronics Park Liverpool, NY 13088

PICK UP DATE: 1-2-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

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Treatment/Disposal Method

1. Recovery
2. Liquids Incineration DH
3. Solids Incineration
4. Wastewater Treatment
5. Secure Chemical Landfill*
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-4-91

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

3428 1

Job # 80365

TK 421

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

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: N Y D 0 5 9 3 8 5 1 2 0 — Manifest Document No.: 98547

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GENERAL ELECTRIC CO.
P. O. BOX 4840 (EP9-102)
SYRACUSE, NEW YORK 13221-4840

4. Generator's Phone (315) 456-3027

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.

6. US EPA ID Number: M A D 0 3 9 3 2 2 2 5 0

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address: Clean Harbors of Braintree, Inc., 385 Quincy Ave., Braintree, MA 02184

10. US EPA ID Number: M A D 0 5 3 4 5 2 6 3 7

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ Hazardous Substance, Liquid, ORM-E,NA9188 (Poly Chlorinated Biphenyls)	001	TT	03000	G
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)

R84206(Water cont. w/less than 1000ppm PCB)

b. d.

K. Handling Codes for Wastes Listed Above

c. d.

15. Special Handling Instructions and Additional Information

24 Hour Emergency Number: 1-800-OIL-TANK

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Printed/Typed Name: Kenneth Burns — Signature: Kenneth Burns — Date: Month 01 Day 02 Year 90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JOSEPH PHILLIPS — Signature: Joseph Phillips — Date: Month 01 Day 02 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY

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: Peter Ruprecht — Signature: Peter Ruprecht — Date: Month 01 Day 02 Year 90

Form Approved OMB No. 2050-0039, Expires 9-30-91

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

CleanHarbors

FE8

CERTIFICATE OF DISPOSAL

MANIFEST NOS: MAC 698576

GENERATOR: General Electric

FACILITY ADDRESS: Electronic Parkway Syracuse, NY 13201

PICK UP DATE: 1-5-90

The material shipped on this order has been consolidated, treated and/or disposed of in accordance with all applicable Federal, State and local statutes, laws, regulations and ordinances at either Clean Harbors of Braintree or at another licensed facility which has been approved by Clean Harbors.

All material consolidated at Clean Harbors of Braintree, Inc. and subsequently shipped to another licensed facility for treatment and/or disposal shall be identified as being generated by Clean Harbors of Braintree, Inc. in accordance with 40 CFR Section 263.10(c).

Clean Harbors of Braintree, Inc. warrants that it shall indemnify, hold harmless, and defend the generator from any liability, claims and penalties as a result of destruction or damage to any property, contamination of or adverse effects on the environment, any violation of governmental laws, regulations or orders, or death or bodily injury to any person caused by or in any manner connected with the treatment or disposal of material specified on this order.

Treatment/Disposal Method

1. Recovery
2. Liquids Incineration DH
3. Solids Incineration
4. Wastewater Treatment
5. Secure Chemical Landfill*
6. Consolidation
7. Stabilization
8. Fuels Blending
9. Supplemental Fuels
10. Other

*An alternate means of disposal or recycling may be selected at Clean Harbors' discretion.

Clean Harbors of Braintree, Inc.

Signed: [signature]

Date: 3-12-91

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Job # S0365

34489

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: NYD059385120 — Manifest Document No.: 98576

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
General Electric Co., P.O. Box 4840 (EP9-102), Syracuse, NY 13221-4840

4. Generator's Phone (315) 456-3027

5. Transporter 1 Company Name: Clean Harbors of Kingston, Inc.
6. US EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Clean Harbors of Braintree, Inc., 385 Quincy Ave., Braintree, MA 02184
10. US EPA ID Number: MAD053452637

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ Hazardous Substance, Liquid, ORM-E, NA9188 (Poly Chlorinated Biphenyls)	001	TT	01850	G
b.			N/A	
c.				
d.				

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
R34206 (Water cont. w/ less than 1000ppm PCB)

K. Handling Codes for Wastes Listed Above
[illegible]

b.

d.

15. Special Handling Instructions and Additional Information
24 Hour Emergency Number: 1-800-OIL-TANK

DOT-E-8552

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.

If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Kenneth Burns — Signature: Kenneth Burns — Date: Month 01 Day 04 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID NUITE — Signature: David Nuite — Date: Month 01 Day 04 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: TODD M Wallace — Signature: Todd M Wallace — Date: Month 01 Day 19 Year 89

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039. Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Certificate No. 2567-4-0040

GE Industrial & Power Systems

Certificate of Disposal

General Electric Company certifies that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1018701 Dated 05/29/90 was disposed of at the following **Disposal Sites:**

BUSHING	HV TANK	TRANSFORMER CARCASS
U.S.P.C.I. CLIVE, UT. LANDFILLED 07/16/90	U.S.P.C.I. CLIVE, UT. LANDFILLED 07/16/90	CLEAN INCINERATION SERV. PITTSFIELD, MA. LANDFILLED 07/16/90

CAPACITORS	TRANSFORMER FLUID
ENSCO, INC. EL DORADO, AR. INCINERATED 11/25/90	CLEAN INCINERATION SERVICE PITTSFIELD, MA. INCINERATED 07/13/90

Authorized Signature

FACILITY SUPERVISOR

Title

175 MILENS ROAD

Street Address

TONAWANDA, NY 14150

City State Zip

GIZ-3199

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD059385120 — Manifest Document No.: 18701
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
GENERAL ELECTRIC COMPANY, ELECTRONICS PARK
Bldg. 9, Room 102, Syracuse, NY 13221

4. Generator's Phone (315) 436-3027

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP
6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name):
8. US EPA ID Number:

9. Designated Facility Name and Site Address
GENERAL ELECTRIC COMPANY
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number: NYD067539940

A. State Manifest Document Number: NYB
B. Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Hazardous Substance Liquid, NOS ORM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	00300	K	EPA [illegible]
b. Hazardous Substance Liquid, NOS ORM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	00300	K	STATE [illegible]
c. Hazardous Substance Liquid, NOS ORM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	00439	K	EPA [illegible] STATE [illegible]
d. Hazardous Substance Solid, NOS ORM-E NA9188RQ (polychlorinated Biphenyls)	001	DM	00226	K	EPA [illegible] STATE [illegible]

J. Additional Descriptions for Materials listed Above
a. DC Power Supply
b. High Voltage Tank
c. Bushing
d. Capacitors

K. Handling Codes for Wastes Listed Above
a. [illegible]
b. [illegible]
c. [illegible]
d. B

15. Special Handling Instructions and Additional Information
Item One Removed 5-25-90 43" X 23" x 25"
Item # 2 Removed 5-25-90 35" X 19" X 20"
Item # 3 Removed 5-25-90 5'8" Tall X 2' X 2'
Item # 4 Removed 5-25-90

DIKE AND CONTAIN SPILLS IMMEDIATELY. CONTACT GENERAL ELECTRIC COMP. 1-800-635-8919 EXT. 66

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 state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Curtis A York — Signature: [signature] — Mo. Day Year: 05 26 90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Richard W. Morton — Signature: Richard W. Morton — Mo. Day Year: 05 24 90

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: — Signature: — Mo. Day Year:

FACILITY

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: — Mo. Day Year:

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD059385120 — Manifest Document No.: 18701

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
GENERAL ELECTRIC COMPANY, ELECTRONICS PARK
Bldg. 9, Room 102, Syracuse, NY 13221

4. Generator's Phone (315) 436-3027

A. State Manifest Document No.: NYB 10187 01

B. Generator's ID

C. State Transporter's ID

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP

6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address
GENERAL ELECTRIC COMPANY
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number: NYD067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Hazardous Substance Liquid, NOS ORM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	00300	K	EPA [illegible] STATE [illegible]
b. Hazardous Substance Liquid, NOS ORM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	00300	K	EPA [illegible] STATE [illegible]
c. Hazardous Substance Liquid, NOS ORM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	00439	K	EPA [illegible] STATE [illegible]
d. Hazardous Substance Solid, NOS ORM-E NA9188RQ (polychlorinated Biphenyls)	001	DM	00226	K	EPA [illegible] STATE [illegible]

J. Additional Descriptions for Materials listed Above

a. DC Power Supply
c. Bushing
b. High Voltage Tank
d. Capacitors

K. Handling Codes for Wastes Listed Above

a. [illegible]
b. [illegible]
c. [illegible]
d. B

15. Special Handling Instructions and Additional Information

Item One Removed 5-25-90 43" X 23" x 25"
Item # 2 Removed 5-25-90 35" X 19" X 20"
Item # 3 Removed 5-25-90 5'8" Tall X 2' X 2'
Item # 4 Removed 5-25-90

DIKE AND CONTAIN SPILLS IMMEDIATELY. CONTACT GENERAL ELECTRIC COMP. 1-800-635-8919 EXT. LL

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 state laws and regulations.

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Printed/Typed Name: Curtis A. York — Signature: [signature] — Mo. Day Year: 05 26 90

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Richard W. Morton — Signature: Richard W. Morton — Mo. Day Year: 05 26 90

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. 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 — Mo. Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7860

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Certificate No. 256711-0040

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1731780 Dated 07/12/90 was
disposed of at the following **Disposal Sites:**

OCB TANKS	BUSHINGS	OCB FLUID
U.S.P.C.I. CLIVE, UT. LANDFILLED 08/07/90	U.S.P.C.I. CLIVE, UT. LANDFILLED 08/07/90	CLEAN INCINERATION SERV. PITTSFIELD, MA. INCINERATED 09/20/90

T. A. Byster
Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199

RP

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

July 16, 1990

GENERAL ELECTRIC CO.,ELECTRONICS PARK
BLDG.9,ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1731780.

ENCLOSED,PLEASE FIND YOUR COPY OF THE HAZARDOUS WASTE MANIFEST CERTIFYING THAT YOUR SHIPMENT OF MATERIAL HAS ARRIVED AT OUR FACILITY IN TONAWANDA,NY.,FOR DECOMMISIONING AND STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
FACILITY SUPERVISOR

TAB

ATTACHMENTS

WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-91

1. Generator's US EPA No. NY0593851203178 | Manifest Document No. | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Name and Mailing Address
General Electric Company, Electronics Park
Bldg. 9, Room 102, Syracuse, NY 13221

4. Generator's Phone (315) 456-3027

A. State Manifest Document No. NY B 173178 0

B. Generator's ID G. E. Company Electronics Park, Syracuse N

5. Transporter 1 (Company Name) Hazmat Environmental Group

6. US EPA ID Number NY 9 8 0 7 6 9 9 4 7

C. State Transporter's ID 10 [illegible] N

D. Transporter's Phone 716 827-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number NY D 0 6 7 5 3 9 9 4 0

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
Hazardous substance liquid, N.O.S. ORM-E NA9188 RQ (Polychlorinated Biphenyls)	001	TP	[illegible]	K	EPA PCB1 STATE 3004
Hazardous substance liquid, N.O.S. ORM-E NA9188 RQ (Polychlorinated Biphenyls)	003	TP	01140	K	EPA PCB1 STATE 3004
					EPA STATE
					EPA STATE

Special Descriptions and Special Handling Instructions

OCB — BL
#1, #2 & #3 3PK EACH

115KV bushings — BL

Special Handling Instructions and Additional Information

a. Two tanks last at an OCB breaker used for storing oil, removed from service 7/11/90.
b. Three 115KV bushings type F, SN/1206348, SN/1206349 & 1206350. RECEIVED 7/[illegible]
Dike and contain spills immediately. Contact G.E. Co. at 1-800-635-8918 ext. 66.

[illegible] this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

If I am a large quantity generator, I 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 that 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; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me.

Printed/Typed Name: GARY A. ZAYKO
Signature: [illegible]
Month Day Year: 07 12 90

Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: TIM DISKE
Signature: [illegible]
Month Day Year: 07 12 90

Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

Certificate No. 256714-0040

GE Industrial & Power Systems

Certificate of Disposal

General Electric Company certifies that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1731933 Dated 08/07/90 was disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	TRANSFORMER FLUID
U.S.P.C.I. CLIVE, UT. LANDFILLED 09/20/90	CLEAN INCINERATION SERV. PITTSFIELD, MA. INCINERATED 09/06/90

Authorized Signature

FACILITY SUPERVISOR

Title

175 MILENS ROAD

Street Address

TONAWANDA, NY 14150

City State Zip

GIZ-3199

FCP

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

August 7, 1990

GENERAL ELECTRIC CO.
ELECTRONICS PARK BLDG #9 ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1731933.

ENCLOSED,PLEASE FIND YOUR COPY OF THE HAZARDOUS WASTE MANIFEST CERTIFYING THAT YOUR SHIPMENT OF MATERIAL HAS ARRIVED AT OUR FACILITY IN TONAWANDA,NY.,FOR DECOMMISIONING AND STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
FACILITY SUPERVISOR

TAB

ATTACHMENTS

...LATION

... MANIFEST

... Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires ...

Information in the shaded area is not required by Federal Law.

1. Generator's US EPA No. / Manifest Document No.	2. Page 1 of 1
NYD055885120 / 193 3	

Generator's Name and Mailing Address General Electric Company, Electronics Park Bldg. # 9, Room 102, Syracuse, NY 13221 Generator's Phone 315 456-3027	A. State Manifest Document No. NY B 173193 3 B. Generator's ID GE Co., Electronics Park, Syracuse NY
5. Transporter 1 Company Name: Hazmat Environmental Group 6. US EPA ID Number: NYD980769947	C. State Transporter's ID 10254P N.Y. D. Transporter's Phone 716 827-7200
Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address General Electric Company 175 Milens Road Tonawanda, NY 14150 10. US EPA ID Number: NYD067539940	G. State Facility's ID H. Facility's Phone 716 876-1200

11. DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
Hazardous Substance Liquid, N.O.S. ORM-E NA9188EQ (Polychlorinated Biphenyls)	001	TP	06795	K	EPA PCB1 STATE B006
Hazardous Substance Liquid, N.O.S. ORM-E NA9188EQ (Polychlorinated Biphenyls)	001	TP	06795	K	EPA PCB 1 STATE B006
					EPA STATE
					EPA STATE

Transfer Date for Waste Shipment

Transformer 1.40 EL.

Transformer 1.40 EL.

Special Handling Instructions and Additional Information

Sub 5-1A 1000KVA Removed 7-28-90 S/N 3110210
Sub 5-2A 1000KVA Removed 8-4-90 S/N 3110209
Dike & Contain Spills Immediately. Contact GE CO. At 1-800-635-8918 Ext. 66

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, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and state laws and ...

I have selected a method of treatment, storage, or disposal for waste delivered to this transporter that I have determined to be economically practicable and that minimizes the present and future threat to human health and the environment; OR, if I am a large quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available ...

JAMES M. STEAD	James M. Stead	08 04 49
Eugene Snyder	Eugene Snyder	08 04 49

Certificate No. 256715-0040

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1731960 Dated 08/27/90 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS

U.S.P.C.I.
CLIVE, UT.
LANDFILLED 10/05/90

TRANSFORMER FLUID

CLEAN INCINERATION SERV.
PITTSFIELD, MA.
INCINERATED 09/27/90

Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

August 31, 1990

GENERAL ELECTRIC CO.,ELECTRONICS PARK
BLDG.#9,ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1731960.

ENCLOSED,PLEASE FIND YOUR COPY OF THE HAZARDOUS WASTE MANIFEST CERTIFYING THAT YOUR SHIPMENT OF MATERIAL HAS ARRIVED AT OUR FACILITY IN TONAWANDA,NY.,FOR DECOMMISIONING AND STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
FACILITY SUPERVISOR

TAB

ATTACHMENTS

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD059958128 — Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
General Electric Company, Electronics Park
Bldg. 69, Room 102, Syracuse, NY 13221

4. Generator's Phone (315) 456-3027

A. State Manifest Document No. NY B 173196 0

B. Generator's ID GE Co., Electronics Park, Syracuse NY

5. Transporter 1 (Company Name) — Hazmat Environmental Group

6. US EPA ID Number NYD980769947

C. State Transporter's ID

D. Transporter's Phone (716) 827-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number NYD067539940

G. State Facility's ID

H. Facility's Phone 716 876-1200

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
Hazardous Substance Liquid, N.O.S. OEM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	06795	K	EPA PCB1 STATE B006
Hazardous Substance Liquid, N.O.S. OEM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	06795	K	EPA PCB1 STATE B006
Hazardous Substance Liquid, N.O.S. OEM-E NA9188RQ (Polychlorinated Biphenyls)	001	TP	05839	K	EPA PCB1 STATE B006
					EPA STATE

Additional Descriptions

~~Transformer~~	~~1. 4 0~~	~~Transformer~~	~~1. 4 0~~	BL	BL
Transformer	1. 4 0			BL	

Handling Instructions and Additional Information

A. Sub 5-5A 1000 KVA Removed 3-11-90. B. Sub 5-8A 1000 KVA Removed 3-18-90.
C. Sub 5-21 750 KVA Removed 8-25-90.
DIKE & CONTAIN SPILLS IMMEDIATELY. CONTACT GE CO. AT 1-800-635-8918 EXT. 66

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/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name — Signature — Month Day Year

DAVID A KUTLAK — David A Kutlak — 08 25 90

Printed/Typed Name — Signature — Month Day Year

Certificate No. 256712-0040

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1731807 Dated 07/12/90 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	TRANSFORMER FLUID
U.S.P.C.I. CLIVE, UT. LANDFILLED 08/20/90 08/15/90	ENSCO, INC. EL DORADO, AR. INCINERATED 08/03/90 10/30/90

T.C. Bryant
Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

July 16, 1990

GENERAL ELECTRIC CO.,ELECTRONICS PARK
BLDG.9,ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1731807.

ENCLOSED,PLEASE FIND YOUR COPY OF THE HAZARDOUS WASTE MANIFEST CERTIFYING THAT YOUR SHIPMENT OF MATERIAL HAS ARRIVED AT OUR FACILITY IN TONAWANDA,NY.,FOR DECOMMISIONING AND STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
FACILITY SUPERVISOR

TAB

ATTACHMENTS

39)—71

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. N Y D 0 6 5 8 3 8 5 1 2 8 3 — Manifest Document No. 3 0 8 0 7

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
General Electric Company, Electronics Park
Bldg. 9, Room 102, Syracuse, NY 13221

4. Generator's Phone (315) 456-3017

A. State Manifest Document No. NY B 173180 7

B. Generator's ID G. E. Company Electronics Park, Syracuse, NY

5. Transporter 1 (Company Name) Hazmat Environmental Group

6. US EPA ID Number N Y 0 9 8 0 7 6 9 9 4 7

C. State Transporter's ID 107 3-P N.

D. Transporter's Phone 716) 827-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number N Y D 0 0 7 5 3 9 9 4 0

G. State Facility's ID

H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
Hazardous substance liquid, N.O.S. ORM-E NA9188RQ (Polychlorinated Biphenyls)	0 0 1	T P	[illegible]	K	EPA PCB1 STATE B006
Hazardous substance liquid, N.O.S. ORM-E NA9188RQ (Polychlorinated Biphenyls)	0 0 1	T P	[illegible]	K	EPA PCB1 STATE B006
Hazardous substance liquid, N.O.S. ORM-E NA9188 RQ (Polychlorinated Biphenyls)	0 0 1	T P	[illegible]	K	EPA PCB1 STATE B006
					EPA STATE

Transformer	1 4 0	Transformer	1 4 0	BL BL
Transformer	1 4 0			BL

A. Sub E.P. 2-21, 300KV SH/7532211 Removed 6/30/90
B. EP-7 27-1, Constant Current Transformer Removed 7/11/90
C. EP-7 27-2, Constant Current Transformer Removed 7/11/90

[illegible] this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and state laws and regulations.

I have the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Signature Month Day Year

Joint Receipt Signature Signature Month Day Year 07/23/90

Signature Month Day Year

Jim Dunkle Jim Dunkle 7 2 90

Certificate No. 2316-2-9001

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO described on

Manifest Number NYA5737653 Dated 02/13/89 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	PCB FLUID	PCB FLUID
CWM CHEMICAL SERVICE MODEL CITY, NY LANDFILLED 03/06/89	CWM CHEMICAL SERVICE CHICAGO, IL INCINERATED 02/17/89	CLEAN INCINERATION PITTSFILED, MA INCINERATED 04/14/89

T. A. Byster/[illegible]
Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NEW YORK 14150
02/14/89

GENERAL ELECTRIC CO.
ELECTRONICS PARK/BLDG. 9, ROOM 102
SYRACUSE, N. Y. 13221

ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYA5737653.

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY

ON 02/13/89 FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
PCB FACILITY SUPERVISOR

ATTACHMENTS

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD059385120 — Manifest Document No.: 37653
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
General Electric Company
Electronics Park/Bldg. 9, Room 102/Syracuse, NY 13221

4. Generator's Phone (315 456-3027

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP
6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name):
8. US EPA ID Number:

9. Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number: NYD067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ (Polychlorinated Biphenyls)	001	TP	13000	P
b. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ (Polychlorinated Biphenyls)	001	TP	13000	P
c. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ (Polychlorinated Biphenyls)	001	TP	06750	P
d.				

15. Special Handling Instructions and Additional Information

Sub 7-23A XFMR SN/7527451 with H.V. Switch 750 KVA
Sub 7-23B XFMR SN/7527452 with H.V. Switch 750 KVA
Sub 7-1B XFMR SN/F-962831 without Switch 1000 KVA

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and a classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governme regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economical practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to huma health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste manageme method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day Ye
GEORGE G. RUSSO	George G. Russo	02 1 38

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Ye
Dale A Hoffman	Dale A Hoffman	02 1 38

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Ye

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	Mo. Day Y
[illegible]	[illegible]	[illegible]

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

Certificate No.2316-1-9001

GE Industry
Sales & Services

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC COMPANY described on

Manifest Number NYA5737581 Dated 01/27/89 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASSES	TRANSFORMER FLUID
CWM CHEMICAL SERVICE MODEL CITY, NY LANDFILLED 02/20/89	ENSCO, INC. ELDORADO, AR INCINERATED 02/13/89 AND 03/15/89

Authorized Signature

FACILITY SUPERVISOR

Title

175 MILENS ROAD

Street Address

TONAWANDA, NY 14150

City State Zip

GIZ-3199

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NEW YORK 14150
01/31/89

GENERAL ELECTRIC COMPANY
ELECTRONICS PARK/BLDG. 9, ROOM 102
SYRACUSE, N.Y. 13221

ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYA5737581.

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY

ON 01/27/89 FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T.A. BYSTER
PCB FACILITY SUPERVISOR

ATTACHMENTS

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039. Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No.	Manifest Document No.	2. Page 1 of	Information in the shaded a is not required by Federal L
	NYD059385120	37581	1	

3. Generator's Name and Mailing Address
General Electric Company
Electronics Park/Bldg. 9, Room 102/Syracuse, NY 13221

4. Generator's Phone (315) 456-3027

5. Transporter 1 (Company Name): Hazmat Environmental Group
6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name):
8. US EPA ID Number:

9. Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number: NYD067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ Polychlorinated Biphenyls	001	TP	15200	P
b. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ Polychlorinated Biphenyls	001	TP	06650	P
c. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ Polychlorinated Biphenyls	001	TP	15000	P
d.				

15. Special Handling Instructions and Additional Information

Sub 7-2A SN/B-975821 with High Voltage Switch 1000 kVA
Sub 7-2B SN/F-957216 without High Voltage Switch 1000 kVA
Sub 7-1A SN/7527447 with High Voltage Switch 1000 kVA

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name a classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national gove regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be econo practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste manag method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day
GEORGE G. RUSSO	George G. Russo	01 26

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day
GENE WALENTYNOWICZ	Gene Walentynowicz	01 26

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day

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	Mo. Day
MICHAEL J DOLE	Michael J Dole	1 27

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

Certificate No. 2316-3-9001

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO.

described on

Manifest Number NYA5737707 Dated 02/20/89 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	PCB FLUID	PCB SOLIDS
CWM CHEMICAL SERVICE MODEL CITY, NY LANDFILLED 04/06/89	CWM CHEMICAL SERVICE CHICAGO, IL INCINERATED 03/03/89	CWM CHEMICAL SVC. MODEL CITY, NY LANDFILLED 05/19/89

T. A. Bystedt

Authorized Signature

FACILITY SUPERVISOR

Title

175 MILENS ROAD

Street Address

TONAWANDA, NY 14150

City State Zip

GIZ-3199
11/89

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

February 22, 1989

GENERAL ELECTRIC CO.
ELECTRONICS PARK.
BLDG.9,ROOM 102
SYRACUSE,N.Y. 13221

ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYA5737707

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY ON 02/20/89

FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
PCB FACILITY SUPERVISOR

TAB

ATTACHMENTS

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. / Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
	NYD059381120 / 73770		

3. Generator's Name and Mailing Address
GENERAL ELECTRIC COMPANY
Electronics Park/Bldg. 9, Room 102/Syracuse, NY 13221

4. Generator's Phone (315) 456-3027

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP
6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name)
8. US EPA ID Number:

9. Designated Facility Name and Site Address
GENERAL ELECTRIC COMPANY
175 Milens Road
Tonawanda, NY 14150
10. US EPA ID Number: NYD067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hazardous Substance Liquid, N.O.S. ORM-E, NA9188RQ (Polychlorinated Biphenyls)	001	TP	13000	P
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
Sub 7-21 750 kVA XFMR
SN/ 7527496 with H.V. Switch

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 state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: GEORGE G. RUSSO
Signature: George G. Russo
Mo. Day Year: 10 2 2018

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Dale A Hoffman
Signature: Dale A Hoffman
Mo. Day Year: 10 2 2018

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name:
Signature:
Mo. 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: John J Rice
Signature: John J. Rice
Mo. Day Year: 02 21 2019

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

58

Certificate No. 2430-1-9001

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYA7355286 Dated 06/15/89 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	PCB FLUID	CAPACITORS
CWM CHEMICAL SERVICE MODEL CITY, NY LANDFILLED 07/26/89	CLEAN INCINERATION SERV. PITTSFIELD, MA INCINERATED 07/03/89	ENSCO, INC. EL DORADO, AR INCINERATED 12/25/89

J. A. Byster/[illegible]
Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199
11/89

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

June 16, 1989

GENERAL ELECTRIC CO.
ELECTRONICS PARK
BLDG. 9, ROOM 102
SYRACUSE,N.Y. 13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYA7355286.

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY ON 06/15/89

FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
PCB FACILITY SUPERVISOR

TAB

ATTACHMENTS

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039; Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD059385120000001 — Manifest Document No. — 1 — Page 1 — Information in the shaded areas is not required by Federal Law.

Generator's Name and Mailing Address
General Electric Company
Electronics Park, Bldg. 9, Room 102, Syracuse, NY 13221
Generator's Phone: 315 456-3027

State Manifest Document No. NY A 735528 6

Generator's ID: SAME

Transporter 1 Company Name: HAZMAT ENVIRONMENTAL GROUP INC — NYD980769947 — 102490 NY — 716 877-5533

Transporter 2 Company Name:

Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, N. Y. — NYD067539940 — 716 876-1200

US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

Hazardous Substance Liquid N.O.S.
ORM-E, NA9188RQ Polychlorinated Biphenyls — 001TP 9700P B006

Hazardous Substance Liquid N.O.S.
ORM-E NA9188RQ Polychlorinated Biphenyls — 002GM 3432P ~~B005~~ B005 B4

BL

HHK BL

Sub 13-21 SE8627376 with high voltage switch, 500 KVA.
18 Capacitors in each of two wooden crates.

George G. Russo — George H. Russo — 061589

Transporter 1 Acknowledgement of Receipt of Materials

GORDON H HERMANSON — Gordon H Hermanson — 061589

11:B Waste No B005 Not B006 B 6/15

John J Andrews — John J Andrews — 061589

Clean Incineration Services

CERTIFICATE OF COMPLIANCE

In compliance with Federal Regulations 40 CFR, Part 761, the Polychlorinated Biphenyl (PCB or PCB contaminated) liquids, received from:

Generator Location: General Electric Company
Electronics Park Bldg. 9, Room 102
Syracuse, NY 13221

Shipping Manifest Number: MAC477366
Dated: 9/11/89

were disposed by the Clean Incineration Services Annex I facility, in Pittsfield, Massachusetts, in accordance with applicable federal, state and local regulations on/or prior to:

Date: 9/21/89

Signed:
Officer Clean Incineration Services

Area Environmental & Facility Programs
General Electric Company
100 Woodlawn Avenue Pittsfield, MA 01201

September 19, 1988

General Electric Company
Electronics Park
Building 9, Room 201
Syracuse, New York 13221

Dear Sir:

Enclosed is GENERATOR copy of Manifest No. MA C477366.

Yours truly,

Thomas W. Armstrong
Manager - Environmental Operations
(413) 494-3743

/ljr

Enclosure

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF SOLID AND HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. NYD059385120 Manifest Document No. 00001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
General Electric Company
Electronics Park Bldg. 9, Room 102
4. Syracuse, New York 13221 (315) 456-3027

A. State Manifest Document Number MA C477366
B. State Gen. ID SAME
C. State Trans. ID NY 102HOP
D. Transporter's Phone (716) 877-5533
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID Not Required
H. Facility's Phone (413) 442-4635

5. Transporter 1 Company Name: Haz Mat Environmental Group, Inc.
6. US EPA ID Number: NYD980769947
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
Clean Incineration Services
100 Woodlawn Avenue
Pittsfield, MA. 01201
10. US EPA ID Number: MAD985276336

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Substance Liquid, N.O.S., ORM-E NA9188, RQ (Polychlorinated Biphenyls)	001	TT	049000	LB PG	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Fluid [redacted] 50ppm/PCB
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T06
b.
c.
d.

15. Special Handling Instructions and Additional Information
Profile R46711
GE PO# 015-32489-2
In case of spill, dike & contain - contact GE Company at 1-800 635-8918 Ext. 66

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.

If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: GEORGE G. RUSSO — Signature: George G. Russo — Date: Month 09 Day 06 Year 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Dale Goodwin — Signature: Dale Goodwin — Date: Month 09 Day 06 Year 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

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: Richard BARBER — Signature: Richard Barber — Date: Month 09 Day 11 Year 89

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039. Expires 9-30-88
EPA Form 8700-22 (Rev. 9-86) Previous editions are obsolete.

COPY>3: GENERATOR-MAILED BY TSDF

Certificate No. 2528-1-9001

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYA1018665 Dated 09/29/89 was
disposed of at the following **Disposal Sites:**

PCB SOLID

CWM CHEMICAL SERVICE
MODEL CITY, NY
LANDFILLED 12/04/89

J. A. Byster for RH
Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199
11/89

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

October 2, 1989

GENERAL ELECTRIC COMPANY
ELECTRONICS PARK
BLDG.9,ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1018665.

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY ON 09/29/89

FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
PCB FACILITY SUPERVISOR

TAB

ATTACHMENTS

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA No. NYD059385120 Manifest Document No. 00001 Page 1 of 1

Information in the shaded areas not required by Federal Law.

General Electric Company
Electronics Park, Bldg. 9, Room 102, Syracuse, NY 13221
215 456-3027

NY B 101866 5

Same

10252 P NY

HAZ MAT Environmental Group, Inc. NYD980769947 716 877-5533

General Electric Company
175 Milens Road
Tonawanda, N. Y. 14150 NYD067539940 716 876-1200

Hazardous Substance Liquid N.O.S., ORM-E NA9188,
RQ (Polychlorinated Biphenyls)

001T200300P 2004

OCB Bushing BL

Dike and contain spills immediately
Call G.E. Co. at 1-800-635-6918, ext. 56

GeorgeeG. Russo 092889 WC

GENE WALENTYNOWICZ Gene Walentynowicz 092889

T.A. OYSTER

Certificate No.2521-1-9001

GE Industrial &
Power Systems

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1018683 Dated 10/02/89 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	PCB FLUID
CWM CHEMICAL SERVICE MODEL CITY,NY. LANDFILLED 11/15/89	CLEAN INCINERATION SERVICE PITTSFIELD, MA INCINERATED 10/17/89

T. A. Byster / [illegible]
Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

October 2, 1989

GENERAL ELECTRIC COMPANY
ELECTRONICS PARK
BLDG.9,ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1018683.

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY ON 10/02/89

FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. BYSTER
PCB FACILITY SUPERVISOR

TAB

ATTACHMENTS

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA No.: NYD059385120 | Manifest Document No.: 18683 | Page 1 | Information in the shaded areas not required by Federal Law.

GENERAL ELECTRIC COMPANY
Electronics Park/Bldg. 3, Room 102/Syracuse, NY 13221
315 456-3027

NY B 101868 3

SAME

HAZMAT ENVIRONMENTAL GROUP NYD980769947 10253PNY 716 877-5553

General Electric Company
175 Milens Road
Tonawanda, NY 14150 NYD067533940 716 876-1200

Hazardous Substance Liquid, N.O.S.
ORM-E, NA9188RQ (Polychlorinated Biphenyls) 001TP15000P B006

Hazardous Substance Liquid, N.O.S.
ORM-E, NA9188RQ (Polychlorinated Biphenyls) 001TP15000P B006

BL

BL

SUB 7-5B SN/7527453 WITH HV SWITCH 1000 KVA
SUB 7-6A SN/7527454 WITH H.V. SWITCH 1000 KVA

GEORGE G. RUSSO [signature] 100289

Doug Hadley [signature] 100289

~~Doug~~ DH

John J Andrews [signature] 10289

Certificate No. 2521-1-9001

GE Industrial & Power Systems

Certificate of Disposal

General Electric Company certifies that all material received from

GENERAL ELECTRIC CO. described on

Manifest Number NYB1018710 Dated 11/06/89 was disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASS	PCB CAPACITORS	TRANSFORMER FLUID
CWM CHEMICAL SERVICE MODEL CITY, NY. LANDFILLED 12/13/89	ENSCO, INC. EL DORADO, AR. INCINERATED 05/29/90	CLEAN INCINER. SERV. PITTSFIELD, MA. INCINERATED 12/05/89

T. C. Brett

Authorized Signature

FACILITY SUPERVISOR

Title

175 MILENS ROAD

Street Address

TONAWANDA, NY 14150

City State Zip

GIZ-3199 (12/90, 5M)

GENERAL ELECTRIC COMPANY
BUFFALO SERVICE CENTER
175 MILENS ROAD
TONAWANDA, NY 14150

November 7, 1989

GENERAL ELECTRIC CO.
ELECTRONICS PARK
BLDG.9,ROOM 102
SYRACUSE,NY.13221
ATTENTION: GEORGE RUSSO

FIND ATTACHED MANIFEST NYB1018710.

MANIFEST INDICATES RECEIPT OF PCB MATERIAL AT OUR FACILITY ON 11/06/89

FOR STORAGE PRIOR TO DISPOSAL.

SINCERELY,

T. A. Byster

T. A. BYSTER
PCB FACILITY SUPERVISOR

TAB

ATTACHMENTS

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST

NYD059385120187 10 1

GENERAL ELECTRIC COMPANY
Electronics Park/Bldg. 9, Room 102/Syracuse, NY 13221
315 456-3027

NY B 101871 0

HAZMAT ENVIRONMENTAL GROUP

NYD980769947

SAME

10735P NY
716 877-5533

GENERAL ELECTRIC COMPANY
175 Milens Road
Tonawanda, NY 14150

NYD067539040 716 876-1200

Hazardous Substance Liquid, N.O.S.
ORMEE, NA9188RQ (Polychlorinated Biphenyls)

001TP 11100 P 8006

Hazardous Substance Liquid, N.O.S.
ORM-E, NA9188RQ (Polychlorinated Biphenyls)

001TP 11100 P 8006

Hazardous Substance Liquid, N.O.S.
ORM-E, NA9188RQ (Polychlorinated Biphenyls)

001TP 06750 P 8006

Hazardous Substance Liquid, N.O.S.
ORM-E, NA9188RQ (Polychlorinated Biphenyls)

001DM00350 P 8005

BL BL

BL B

[illegible] 1C863344A
[illegible] 1C863344B
[illegible] 1F963115

GEORGE G. RUSSO

BARRY C. CRANDALL

Barry C. Crandall 110489

110489

NY B 101871 0

John J Andrews

[illegible]

110489

Certificate No. 2182-1-8011

GE Industry
Sales & Services

Certificate of Disposal

General Electric Company certifies
that all material received from

GENERAL ELECTRIC COMPANY described on

Manifest Number NYA5737365 Dated 08/31/88 was
disposed of at the following **Disposal Sites:**

TRANSFORMER CARCASSES	TRANSFORMER FLUID
CWM CHEMICAL SERVICE MODEL CITY, NY LANDFILLED 09/13/88	ENSCO, INC. ELDORADO, AR INCINERATED 10/06/88

Authorized Signature

FACILITY SUPERVISOR
Title

175 MILENS ROAD
Street Address

TONAWANDA, NY 14150
City State Zip

GIZ-3199

GENERAL ELECTRIC

APPARATUS AND ENGINEERING SERVICES OPERATIONS
GENERAL ELECTRIC COMPANY • 175 MILENS ROAD • TONAWANDA, NEW YORK 14150 • (716) 876-1200

GENERAL ELECTRIC CO
ELECTRONICS PARK
BLDG 9 - 102
SYRACUSE, NY 13221

9-1-88

Gentlemen:

Find attached manifest NYA5737365.

Manifest indicates receipt of PCB wastes at our facility for storage prior to disposal on 8-31-88.

Sincerely,

T. A. Byster
PCB Facility Supervisor

TAB/kp

Attachments

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD059385120 — Manifest Document No.: 000008

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
GENERAL ELECTRIC CO
ELECTRONICS PARK BLDG 9 RM 102 SYRACUSE NY 13221

4. Generator's Phone (315) 456-3027

5. Transporter 1 (Company Name): HAZ MAT ENVIRONMENTAL GROUP

6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name):

8. US EPA ID Number:

9. Designated Facility Name and Site Address
GENERAL ELECTRIC CO.
175 MILENS ROAD
TONAWANDA N.Y.

10. US EPA ID Number: NYD067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. HAZARDOUS SUBSTANCE LIQUID N.O.S ORM-E, NA9188RQ POLYCHLORINATED BIPHENYLS	001	TP	08750	P
b. HAZARDOUS SUBSTANCE LIQUID N.O.S. ORM-E, NA9188RQ POLYCHLORINATED BIPHENYLS	001	TP	08750	P
c.				
d.				

15. Special Handling Instructions and Additional Information
SUB 1-21A SN 7532208 WITH H.V. SWITCH, 300KVA
SUB 1-21B SN 7532209 WITH H.V. SWITCH, 300KVA

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name a classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national gove regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be econc practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste mana method that is available to me and that I can afford.

Printed/Typed Name: GEORGE G. RUSSO — Signature: George G Russo — Mo. Day: 08 30

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: WILLIAM B HEINEN — Signature: William B Heinen — Mo. Day: 08 30

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name: — Signature: — Mo. Day:

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: John J Andrews — Signature: [signature] — Mo. Day: 08 3

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

1187

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Form Approved. OMB No. [illegible]

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. [illegible] Manifest Document No. [illegible]
2. Page 1 of [illegible] Information [illegible] is not required [illegible]

3. Generator's Name and Mailing Address: General Electric Co. [illegible] Electronics Park [illegible]
4. Generator's Phone ([illegible]) [illegible]

5. Transporter 1 (Company Name): Haz Mat Environmental Group
6. US EPA ID Number: NYD[illegible]
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address: General Electric Co. 175 Milton Road [illegible] N.Y. 14150
10. US EPA ID Number: NYD[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Hazardous Substance, Liquid, N.O.S. KM-E, NA[illegible] KG (Poly [illegible])		[illegible]	[illegible]	P
b.				
c.				
d.				

[redacted]

15. Special Handling Instructions and Additional Information

Emergency Contact - B.L. Pickard (315) 455-[illegible]

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 state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day Yr
Barry L. Pickard	Barry L. Pickard	12 07 [illegible]

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Yr
Robert R. Regar	[illegible]	12 07 [illegible]

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Yr

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	Mo. Day Yr

GENERATOR

TRANSPORTER

FACILITY

In case of emergency or spill immediately call the National Response C. (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 6—Disposer State—mailed by generator

HAZMAT

ENVIRONMENTAL GROUP INC.
P.O. BOX 676, Buffalo, N.Y. 14217 (716) 877-5533

10409

PICK UP

SHIPPER

NAME: General Electric

STREET: Bldg 9 Electronic Park

CITY: Syracuse STATE: NY ZIP CODE:

CONTACT NAME: Bill 315-456-2956

SCHEDULED TIME: 8:00

ADDITIONAL INFORMATION:

DELIVERY

[illegible]

175 Milens

Tonawanda

CONTACT NAME:

SCHEDULED TIME: P 17/7 [illegible]

ADDITIONAL INFORMATION: (b) (ii), [illegible] that it is authorized to [illegible] shipment of manifested was[illegible] to the TSDF listed on this Bill of Lading

PURCHASE ORDER NO	WORK ORDER NUMBER	MANIFEST NO.	PRODUCT CODE
015-31982-1			
LOAD NUMBER	TRACTOR NUMBER	TRAILER NUMBER	DRIVER'S NAME

TYPE (CIRCLE ONE)	MATERIAL DESCRIPTION	QUANTITY
TANK (S/S) (R/L)	HAZ[illegible]	
VAC		
MP		
VAN		
ROLL-OFF		
FLATBED		

PICK UP

ARRIVAL TIME 7:44 [illegible] RELEASE TIME

TRAILER EMPTY UPON ARRIVAL [illegible]
(If not, explain below)

DIP MEASUREMENT (Tankers Only)

COMMENTS: (EXPLAIN ALL DELAYS)

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X [illegible]

SHIPPER'S SIGNATURE

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X

CONSIGNEE'S SIGNATURE

1986

GENERAL ELECTRIC

APPARATUS AND ENGINEERING SERVICES OPERATIONS
GENERAL ELECTRIC COMPANY • 175 MILENS ROAD • TONAWANDA, NEW YORK 14150 • (716) 876-1200

August 5, 1986

General Electric Co.
Electronics Park
Liverpool, NY 13088

ATTENTION: Mr. L.G. Crandall

Gentlemen:

Find attached manifest NYA 3785332. Manifest indicates receipt of PCB wastes at our facility for storage prior to disposal on August 4, 1986.

Sincerely,

A. Hejmanowski
PCB Specialist

3-21C

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD059385120 — Manifest Document No.: 001

2. Page 1 of

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
General Electric Company
Electronics Park, Liverpool, NY 13088

4. Generator's Phone (315 456- 2176

5. Transporter 1 (Company Name): Hazmat Environmental Group, Inc

6. US EPA ID Number: NYD 980769947

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address
General Electric Company
175 Milens Road
Tonawanda, NY 14150

10. US EPA ID Number: NYD 067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Polychlorinated Biphenyl ORM-E UN 2315	001	TP	9200	P
b. Waste Polychlorinated Biphenyl	010	DM	520	G
c. Waste Polychlorinated Biphenyl ORM-E UN 2315	001	DM	75	P
d.				

J. Additional Descriptions for Materials Listed Above — K. Handling Codes for Wastes Listed Above
a.
b.

15. Special Handling Instructions and Additional Information

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 state laws 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 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: L. G. CRANDALL — Signature: L. G. Crandall Jr — Mo. 8 Day 28 Year 86

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Allan Hoth — Signature: Allan Hoth — Mo. 08 Day 02 Year 86

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name — Signature — Mo. 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: John J Andrews — Signature: John J Andrews — Mo. 8 Day 28 Year 86

EPA Form 8700-22 (Rev. 4-85) Previous edition is obsolete.

HAZMAT

ENVIRONMENTAL GROUP INC.
P.O. BOX 676, Buffalo, N.Y. 14217 (716) 877-5533

SUB 3-21C

3925

NYDEC# 9A-278
EPA ID# NYD980769947

PICK UP	DELIVERY
SHIPPER	CONSIGNEE
STREET	NAME General Electric
CITY / STATE / ZIP CODE	STREET 175 Milens Road
CONTACT NAME	CITY Tonawanda NY STATE 14150 ZIP CODE
SCHEDULED TIME	CONTACT NAME
ADDITIONAL INFORMATION	SCHEDULED TIME
	ADDITIONAL INFORMATION

PURCHASE ORDER NO.	WORK ORDER NUMBER	MANIFEST NUMBER	PRODUCT CODE
		N4A 378555 2	
LOAD NUMBER	TRACTOR NUMBER	TRAILER NUMBER	DRIVER'S NAME
	109/[illegible]-TN		

TYPE (CIRCLE ONE)	MATERIAL DESCRIPTION	QUANTITY
TANK (S/S) (R/L) VAC [illegible] VAN ROLL-OFF FLATBED	1- Transformer 11- Drums (PCB)	11 Drums

PICK UP

ARRIVAL TIME 10 45 AM PM RELEASE TIME 4 AM PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) ☒ YES ☐ NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS) arrived at proper address at 11:30AM (Court St.) wrong address

Wait to load

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X [illegible]

SHIPPER'S SIGNATURE

DELIVERY

DRIVER _____ DATE _____

ARRIVAL TIME _____ AM PM RELEASE TIME _____ AM PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) ☐ YES ☐ NO

COMMENTS: (EXPLAIN ALL DELAYS) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X

CONSIGNEE'S SIGNATURE

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD05 9385120 — Manifest Document No.: 13-6C
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address: General Electric Company, Electronics Park, B/9, R101, Syracuse, NY 13221

4. Generator's Phone (315) 456-3027

A. State Manifest Document No.: NY A 129288 6

B. State generator's ID: Same

5. Transporter 1 (Company Name): [illegible]

6. US EPA ID Number: NYD097644201

C. State Transporter's ID: NY [illegible]-53098

D. Transporter's Phone (716) [illegible]

7. Transporter 2 (Company Name):

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: General Electric Company, 175 Milens Road, Tonawanda, NY 14150

10. US EPA ID Number: NYD067539940

G. State Facility's ID:

H. Facility's Phone (716) 876-1200

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Polychlorinated Biphenyl Solution (RQ-10); UN2315; ORM-E (2598 Kg)	1	CM	~~2598~~ 15,260	~~K~~ LBS.	8011
b.					
c.					
d.					

10-22

J. Additional Descriptions for Materials listed Above

a. Scrap Transformer

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a. [ ] c. [ ]

b. [ ] d. [ ]

15. Special Handling Instructions and Additional Information

Emergency Contact - B.L. Pickard (315) 456-2111

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 governmental regulations and state laws and regulations.

Printed/Typed Name: Barry L. Pickard — Signature: [illegible] — DATE Month 01 Day 04 Year 85

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: [illegible] — Signature: [illegible] — DATE Month [illegible] Day [illegible] Year [illegible]

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: — Signature: — DATE Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name: — Signature: — DATE Month Day Year

EPA Form 8700-22 (3-84)

EPA NY 051465

TONAWANDA TANK TRANSPORT SERVICE, INC.

10-22

DATE 01/04/85

1140 MILITARY ROAD, P.O. BOX H, BUFFALO, N.Y. 14217 • 716-873-9703

PICK UP	DELIVERY
SHIPPER NAME: General Electric Company	CONSIGNEE NAME: General Electric Company
STREET: Electronics Park - Building 10	STREET: 175 Milens Road
CITY: Syracuse STATE: NY ZIP CODE:	CITY: Tonawanda STATE: NY ZIP CODE:
CONTACT NAME: Les Crandaro - Mr. Goodrich 315-456-2206	CONTACT NAME:
SCHEDULED TIME: 1/4/85 Noon	SCHEDULED TIME:
ADDITIONAL INFORMATION: Exit 37; Off Vine Street - back of plant. P/U drip pans and labels	ADDITIONAL INFORMATION:

PURCHASE ORDER NO	WORK ORDER NUMBER	MANIFEST NUMBER	PRODUCT CODE
015-001-C1600		NYA 139 321-6	Transformers
LOAD NUMBER	**TRACTOR NUMBER**	**TRAILER NUMBER**	**DRIVER'S NAME**
004-004		803	B & H - Roger

TYPE (CIRCLE ONE)	MATERIAL DESCRIPTION	QUANTITY
TANK (S/S) (R/L)	WASTE P.C.B. TRANS FORMER OIL	1-Unit
VAC	IN SCRAP TRANSFORMER.	
C		
VAN		
ROLL-OFF		
FLATBED		

PICK UP

ARRIVAL TIME _____ AM PM RELEASE TIME 320 AM PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) ☒ YES ☐ NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X _____
SHIPPER'S SIGNATURE

DELIVERY

DRIVER _____ DATE _____

ARRIVAL TIME _____ AM PM RELEASE TIME _____ AM PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) ☐ YES ☐ NO

COMMENTS: (EXPLAIN ALL DELAYS) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X _____
CONSIGNEE'S SIGNATURE

10-22

48-14-1 (10/84)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

Please print or type.

P.O. Box 12820, Albany, New York 12212 Form Approved: OMB No. 2000-0404, Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
	NYD059385120	12-7C		

3. Generator's Name and Mailing Address
General Electric Company
Electronics Park, R/9, Room 101, Syracuse,
4. Generator's Phone (315) 456-3027 New York 13221

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC
6. US EPA ID Number: NYD980769947

7. Transporter 2 (Company Name):
8. US EPA ID Number:

9. Designated Facility Name and Site Address
General Electric Co.
175 Milens Road
Tonawanda, NY 14150
10. US EPA ID Number: NYD067539960

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Polychlorinated Biphenyl Solution (RQ-10) UN2315, OHM-E (1680 Kg.)	1	CM	8750	P
b. Waste Polychlorinated Biphenyl Solution (RQ-10) UN2315, OHM-E (2088 Kg.)	1	CM	10800	P
c.				
d.				

GENERATOR

15. Special Handling Instructions and Additional Information

Emergency Contact - R.L. Pickard (315) 456-2111

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 governmental regulations and state laws and regulations.

Printed/Typed Name	Signature	DATE Mo. Day Year
Barry L. Pickard	Barry L. Pickard	[illegible]

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	DATE Mo. Day Year
[illegible]	[illegible]	[illegible]

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	DATE Mo. Day Year

FACILITY

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	DATE Mo. Day Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (3-84)

HAZMAT IV

ENVIRONMENTAL GROUP INC.
269 Parkside Ave., Buffalo, N.Y. 14214 (716) 835-5129

001116

NYDEC# 9A-278
EPA ID# NYD980769947

DATE 8/2/[illegible]

PICK UP			DELIVERY		
SHIPPER	NAME		CONSIGNEE	NAME	
	STREET			STREET	
	CITY	STATE / ZIP CODE		CITY	STATE / ZIP CODE
	CONTACT NAME			CONTACT NAME	
	SCHEDULED TIME			SCHEDULED TIME	
	ADDITIONAL INFORMATION			ADDITIONAL INFORMATION	

PURCHASE ORDER NO	WORK ORDER NUMBER	MANIFEST NUMBER	PRODUCT CODE
		[illegible]	
LOAD NUMBER	TRACTOR NUMBER	TRAILER NUMBER	DRIVER'S NAME
		[illegible]	[illegible]

TYPE (CIRCLE ONE)	MATERIAL DESCRIPTION	QUANTITY
TANK (S/S) (R/L)	[illegible]	
VAC	[illegible]	
DUMP	[illegible]	[illegible]
VAN	[illegible]	
ROLL-OFF	[illegible]	
FLATBED		

PICK UP

ARRIVAL TIME _____ AM/PM RELEASE TIME [illegible] AM/PM

TRAILER EMPTY UPON ARRIVAL ☐ YES ☐ NO
(If not, explain below)

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS) [illegible]

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X [illegible]
SHIPPER'S SIGNATURE

DELIVERY

DRIVER _____ DATE _____

ARRIVAL TIME _____ AM/PM RELEASE TIME _____ AM/PM

TRAILER EMPTY UPON DEPARTURE ☐ YES ☐ NO
(If not, explain below)

COMMENTS: (EXPLAIN ALL DELAYS) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X _____
CONSIGNEE'S SIGNATURE

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD059385120 — Manifest Document No.: 13100
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address: General Electric Co. Electronics Park; B/9-R/101 Syracuse, N.Y. 13221
4. Generator's Phone: 315 456-3027

A. State Manifest Document No.: NYA [illegible]
B. State generator's ID: [illegible]
C. State Transporter's ID: [illegible]
D. Transporter's Phone: [illegible]
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: 716 876-1200

5. Transporter 1 (Company Name): HazMat Environmental Group, Inc.
6. US EPA ID Number: NYD980769947
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address: General Electric Co. 175 Milens Road Tonawanda, N.Y. 14150
10. US EPA ID Number: NYD067539940

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Waste Polychlorinated Biphenyl Solution (RQ-10) UN2315, ORM-E (2088 Kg)	1	CM	10800	P	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: Scrap Transformer

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: SN 8038532

Emergency Contact - B.L. Pickard (315) 456-2111

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 governmental regulations and state laws and regulations.

Printed/Typed Name	Signature	DATE Month	Day	Year
Barry L. Pickard	Barry L. Pickard	10	12	85

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	DATE Month	Day	Year
Mark Burshtynsky	[illegible]	10	12	85

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name	Signature	DATE Month	Day	Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	DATE Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

NYA 123231 0

EPA Form 8700-22 (3-84) COPY 6—Disposer State—mailed by generator

HAZMAT

ENVIRONMENTAL GROUP INC.
269 Parkside Ave., Buffalo, N.Y. 14214 (716) 835-5129

001492

NYDEC# 9A-278
EPA ID# NYD980769947

DATE 10/12/85

PICK UP		DELIVERY	
SHIPPER		CONSIGNEE	
NAME	[illegible]	NAME	[illegible]
STREET	[illegible] KK MAIN GATE	STREET	
CITY	[illegible] STATE NY ZIP CODE	CITY	[illegible] STATE NY ZIP CODE
CONTACT NAME	[illegible]	CONTACT NAME	
SCHEDULED TIME	12:00 NOON	SCHEDULED TIME	
ADDITIONAL INFORMATION	[illegible]	ADDITIONAL INFORMATION	

PURCHASE ORDER NO	WORK ORDER NUMBER	MANIFEST NUMBER	PRODUCT CODE
[illegible]		NYA/27277 B	
LOAD NUMBER	**TRACTOR NUMBER**	**TRAILER NUMBER**	**DRIVER'S NAME**
	75	Low Boy (LB1)	MAKK

TYPE (CIRCLE ONE)	MATERIAL DESCRIPTION	QUANTITY
TANK (S/S) (R/L)	[illegible]	
VAC		
DUM		
VAN	[illegible] FORMER	1
ROLL-OFF		
FLATBED		

PICK UP

ARRIVAL TIME [illegible] AM/PM RELEASE TIME [illegible] AM/PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) ☒ YES ☐ NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X [illegible]

SHIPPER'S SIGNATURE

DELIVERY

DRIVER _____ DATE _____

ARRIVAL TIME _____ AM/PM RELEASE TIME _____ AM/PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) ☐ YES ☐ NO

COMMENTS: (EXPLAIN ALL DELAYS) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X _____

CONSIGNEE'S SIGNATURE

CleanHarbors WASTE MATERIAL PROFILE SHEET

S 11443

Profile Number

A. GENERAL INFORMATION

GENERATOR: GENERAL ELECTRIC CO.

FACILITY ADDRESS: ELECTRONICS PARK, SYRACUSE, NY 13221

SIC NUMBER IF KNOWN:

GENERATOR U.S. EPA ID #: NYD059385120

GENERATOR STATE ID #:

TECHNICAL CONTACT: FRANK COLLIS

TECHNICAL CONTACTS PHONE: (315) 456-0509

BILL TO: CHI - SYRACUSE

BILL TO ADDRESS: PO BOX 6789, SYRACUSE, NY 13217

CLEAN HARBORS CONTACT PERSON: Linda Kemp / Sem Cole

SAMPLE APPROVAL P.O. #:

CUSTOMER CONTACT: Linda Kemp

CUSTOMER CONTACT PHONE: (315) 413-1349

B. WASTE DESCRIPTION

COMMON NAME FOR THE WASTE: wastewater from acid neutralization tank

PROCESS GENERATING THE WASTE: pumped out acid neutralization tank

C. PROPERTIES

PH: 7.5 % ORGANIC NITROGEN: % SULFUR: % ORGANIC HALOGEN: BTU's/POUND: % ASH:

COLOR: ODOR: % T.O.C.:

FLASH POINT (°F): ☐ < 100 ☐ 100-140 ☐ 140-200 ☐ > 200 ☑ NO FLASH

PHYSICAL STATE: ☐ THICK VISCOUS LIQUID ☐ LIQUID WITH NO SOLIDS ☐ LIQUID/SOLID MIXTURE ☐ SOLID WITHOUT FREE LIQUIDS ☐ POWDER ☐ WASTE WATER ☑ NON-WASTE WATER

% DISSOLVED SOLIDS: % SUSPENDED SOLIDS: % SETTLED SOLIDS:

D. COMPOSITION

WATER	99-100 %
trichlorethylene	<1% %
	%
	%
(See CHI-analysis	%
	%
# 90X10079-02M,A)	%
	%

E. METALS ☐ TOTAL (PPM) ☑ TCLP (PPM) (mg/L)

ARSENIC	NONE	NICKEL	NONE
BARIUM		SELENIUM	
CADMIUM		SILVER	
CHROMIUM		THALLIUM	
CHROMIUM Cr+6		TIN	
COPPER		ZINC	
LEAD		OTHER	
IRON		BERYLLIUM	
MERCURY		OTHER	

F. OTHER COMPONENTS

AMMONIA		HEPTACHLOR (AND ITS HYDROXIDES)	
BENZENE		HEXACHLOROBENZENE	
CHLORDANE		HEXACHLOROETHANE	
CHLOROBENZENE		LINDANE	
CHLOROFORM		METHOXYCHLOR	
o-CRESOL		METHYL ETHYL KETONE	
m-CRESOL		NITROBENZENE	
p-CRESOL		PENTACHLOROPHENOL	
CRESOL		PCB'S	
CYANIDES		PYRIDINE	
2,4-DICHLORO-		SULFIDES	
PHENOXYACETIC ACID		TETRACHLOROETHYLENE	
1,4-DICHLOROBENZENE		TOXAPHENE	
1,1-DICHLOROETHYLENE		TRICHLOROETHYLENE	99
2,4-DINITROTOLUENE		2,4,5-TRICHLOROPHENOL	NONE
ENDRIN		2,4,6-TRICHLOROPHENOL	
F001-F005 SOLVENTS		2,4,5-TRICHLOROPHENOXYPROPIONIC ACID	
LIST		VINYL CHLORIDE	

G. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. HAZARDOUS MATERIAL: ☑ YES ☐ NO

D.O.T. SHIPPING NAME: HAZARDOUS WASTE, LIQUID, N.O.S.

D.O.T. HAZARD CLASS: ORM-E

UNNA #: 9189 REPORTABLE QUANTITY VALUE: —

H. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☑ DRUM (SIZE) 55 GAL

☐ OTHER (SPECIFY)

I. ANTICIPATED VOLUME

6 ☐ GALS. ☑ DRUMS ☐ CUBIC YDS.

FREQUENCY: ☐ ONE TIME ☑ QUARTER ☐ YEAR

J. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☑ YES ☐ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): D040

STATE HAZARDOUS WASTE ☑ YES ☐ NO

STATE HAZARDOUS WASTE NUMBER(S):

K. OTHER HAZARDS

	YES	NO
PYROPHORIC	☐	☑
WATER REACTIVE	☐	☑
EXPLOSIVE	☐	☑
RADIOACTIVE	☐	☑
SHOCK SENSITIVE	☐	☑
PESTICIDE	☐	☑
DIOXIN	☐	☑
IS THIS AN ELECTROPLATING WASTE	☐	☑

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS ☐ HAS NOT ☐ BEEN SUPPLIED.

FOR CLEAN HARBORS USE ONLY

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL

OTHER GENERATOR COMMENTS

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

ROBERTA DENAN — AUTHORIZED SIGNATURE

Roberta Denan — NAME (PRINT)

11-27-90 — DATE

CHI 102

CleanHarbors

S11443

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: EPS-2A
Sample Type: Liquid

CHAS Lab #: 90X1007
Date Received: 10/1

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Nu and Refer
Arsenic - Total	0.04	ND	10/16/90	01/18/90	206.
Barium - Total	0.002	0.059	10/16/90	10/18/90	4.1.3/200.
Cadmium - Total	0.003	0.004	10/16/90	10/18/90	4.1.3/200.
Chromium - Total	0.004	0.023	10/16/90	10/18/90	4.1.3/200.
Lead - Total	0.05	0.06	10/16/90	10/18/90	4.1.3/200.
Mercury - Total	0.0020	ND	10/18/90	10/19/90	245.
Selenium - Total	0.06	0.07	10/16/90	10/18/90	270.
Silver - Total	0.02	ND	10/16/90	10/18/90	3005/200.

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample ID: EP5-2A
Sample Type: Liquid

CHAS Lab #: 90X10079-02M
Date Received: 10/12/90
Internal Code: SW90

Semi-Volatile Base/Neutral and Acid Extractable Organics
by EPA Method 625 (ref. f) - System C
Extraction Date: 10/22/90
Analysis Date: 11/02/90

Base/Neutral Compounds	MDL*	Conc.*
bis(2-Chloroethyl)Ether	0.020	ND
1,3-Dichlorobenzene	0.020	ND
1,4-Dichlorobenzene	0.020	ND
1,2-Dichlorobenzene	0.020	ND
bis(2-Chloroisopropyl)Ether	0.020	ND
N-Nitroso-Di-n-Propylamine	0.020	ND
Hexachloroethane	0.020	ND
Nitrobenzene	0.020	ND
Isophorone	0.020	ND
bis(2-Chloroethoxy)Methane	0.020	ND
1,2,4-Trichlorobenzene	0.020	ND
Naphthalene	0.020	ND
4-Chloroaniline	0.020	ND
Hexachlorobutadiene	0.020	ND
2-Methylnaphthalene	0.020	ND
Hexachlorocyclopentadiene	0.020	ND
2-Chloronaphthalene	0.020	ND
2-Nitroaniline	0.10	ND
Dimethyl Phthalate	0.020	ND
Acenaphthylene	0.020	ND
3-Nitroaniline	0.10	ND
Acenaphthene	0.020	ND
Dibenzofuran	0.020	ND
2,4-Dinitrotoluene	0.020	ND
2,6-Dinitrotoluene	0.020	ND
Diethylphthalate	0.020	ND
4-Chlorophenyl-phenylether	0.020	ND
Fluorene	0.020	ND
4-Nitroaniline	0.10	ND
N-Nitrosodiphenylamine	0.020	ND
4-Bromophenyl-phenylether	0.020	ND
Hexachlorobenzene	0.020	ND
Phenanthrene	0.020	ND
Anthracene	0.020	ND

Base/Neutral Compounds	MDL*	Co
Di-n-Butylphthalate	0.020	N
Fluoranthene	0.020	N
Pyrene	0.020	N
Butylbenzylphthalate	0.020	N
3,3'-Dichlorobenzidine	0.040	N
Benzo(a)Anthracene	0.020	N
bis(2-Ethylhexyl)Phthalate	0.040	N
Chrysene	0.020	N
Di-n-Octylphthalate	0.020	N
Benzo(b)Fluoranthene	0.020	N
Benzo(k)Fluoranthene	0.020	N
Benzo(a)Pyrene	0.020	N
Indeno(1,2,3-cd)Pyrene	0.020	N
Dibenz(a,h)Anthracene	0.020	N
Benzo(g,h,i)Perylene	0.020	N

Acid Compounds	MDL*	Co
Phenol	0.020	N
2-Chlorophenol	0.020	N
2-Methylphenol	0.020	N
4-Methylphenol	0.020	N
2-Nitrophenol	0.020	N
2,4-Dimethylphenol	0.020	N
2,4-Dichlorophenol	0.020	N
4-Chloro-3-methylphenol	0.020	N
2,4,6-Trichlorophenol	0.10	N
2,4,5-Trichlorophenol	0.10	N
2,4-Dinitrophenol	0.10	N
4-Nitrophenol	0.10	N
4,6-Dinitro-2-methylphenol	0.10	N
Pentachlorophenol	0.10	N

QA/QC Surrogate	Rec.	Range CL
2-Fluorophenol	25%	21 - 100%
Phenol-D5	25%	10 - 110%
Nitrobenzene-D5	56%	35 - 114%
2-Fluorobiphenyl	45%	43 - 116%
2,4,6-Tribromophenol	44%	10 - 123%
Terphenyl-D14	118%	33 - 141%

Notes:
ND = Below minimum detectable level (MDL)
* = mg/l

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: EP5-2A
Sample Type: Liquid

CHAS Lab #: 90X100
Date Received: 10/1

Parameter	MDL	Result	Units	Analysis Date	Method N and Refe
pH	--	7.5	--	10/25/90	150

Notes: ND - Below minimum detectable level (MDL)

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: EP5-2B
Sample Type: Liquid

CHAS Lab #: 90X10079-
Date Received: 10/12/
Internal Code: VW70

Volatile Organics - System D
by EPA Method 8260 (ref. c)

Analysis Date: 10/18/90

Parameter	MDL*	Conc.*
Priority Pollutant Compounds:		
Chloromethane	2.00	ND
Bromomethane	2.00	ND
Vinyl Chloride	2.00	ND
Chloroethane	2.00	ND
Methylene Chloride	1.00	ND
Trichlorofluoromethane	1.00	ND
1,1-Dichloroethene	1.00	ND
1,1-Dichloroethane	1.00	ND
trans-1,2-Dichloroethene	1.00	ND
Chloroform	1.00	ND
1,2-Dichloroethane	1.00	ND
1,1,1-Trichloroethane	1.00	ND
Carbon Tetrachloride	1.00	ND
Bromodichloromethane	1.00	ND
1,2-Dichloropropane	1.00	ND
cis-1,3-Dichloropropene	1.00	ND
Trichloroethene	1.00	99
Benzene	1.00	ND
Dibromochloromethane	1.00	ND
1,1,2-Trichloroethane	1.00	ND
trans-1,3-Dichloropropene	1.00	ND
2-Chloroethylvinylether	2.00	ND
Bromoform	1.00	ND
1,1,2,2-Tetrachloroethane	1.00	ND
Tetrachloroethene	1.00	ND
Toluene	1.00	ND
Chlorobenzene	1.00	ND
Ethylbenzene	1.00	ND
Hazardous Substance List Compounds:		
Acetone	4.00	ND
Carbon Disulfide	2.00	ND
2-Butanone	4.00	ND
Vinyl Acetate	1.00	ND
4-Methyl-2-Pentanone	1.00	ND
2-Hexanone	1.00	ND
Styrene	1.00	ND
Total Xylenes	1.00	ND
Additional Compounds:		
Dibromoethane (EDB)	1.00	ND
Methyl-t-Butylether	2.00	ND
1,2-Dichlorobenzene	1.00	ND
1,3-Dichlorobenzene	1.00	ND
1,4-Dichlorobenzene	1.00	ND
Acrolein	2.00	ND
Acrylonitrile	2.00	ND

Notes
ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
No additional peaks observed in sample

QA/QC Surrogate Recoveries:

d4-1,2-Dichloroethane: 105 %
d8-Toluene: 100 %
p-BFB: 97 %

Surrogate Acceptance Criteria:

Water	Soil
76-114%	70-121%
88-110%	84-138%
86-115%	59-113%

1734

13-4C

40 14 1 (4/81)

Type cover sheet
Type instructions
TYPE

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

HAZARDOUS WASTE MANIFEST

DOCUMENT NO. NY [redacted]

PART A

GENERATOR NAME: General Electric Company	PHONE: 315-456-3027	EPA ID NO. [redacted]
SITE ADDRESS: Electronics Park, Liverpool, N.Y.		[redacted]
TRANSPORTER NO. 1: Tonawanda Tank Transport	PHONE: 716-873-9703	[redacted]
SITE ADDRESS: 1140 Military Road, Buffalo, N.Y.		[redacted]
TRANSPORTER NO. 2	PHONE	
SITE ADDRESS		
TREATMENT, STORAGE OR DISPOSAL (TSD) FACILITY: General Electric Company	PHONE: 716-876-1200	[redacted]
SITE ADDRESS: 175 Milens Road, Tonawanda, N.Y.		14150

THIS FORM IS NO. 1 OF A TOTAL OF 1 THE FIRST MANIFEST DOCUMENT NO. IS NY [redacted]

PROPER US DOT SHIPPING NAME	US DOT HAZARD CLASS	UN/NA NUMBER	FORM	NET QUANTITY	UNIT	CONTAINERS NO.	CONTAINERS TYPE	EPA HAZ. CODE	EPA WASTE TYPE
Waste Polychlorinated Biphenyl Solution-45% (RQ-10)	ORM-E	2315	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (i.e. IDENTIFICATION OF ADDITIONAL WASTES INCLUDED IN SHIPMENT OF A NONHAZARDOUS NATURE WHICH DO NOT HAVE TO BE MANIFESTED)

For MESO

GENERATOR'S CERTIFICATION. This is to certify that the herein named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the EPA. The wastes described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. This shipment also conforms with all applicable State regulations. I certify that the foregoing is true and correct.

GENERATOR'S SIGNATURE: Barry F Pichard

Please type name also

DATE SHIPPED: 4 06 84 (Mo. Day Yr.)

EXPECTED ARRIVAL DATE: 4 06 84 (Mo. Day Yr.)

TRANSPORTER NO. 1 SIGNATURE "To the best of my knowledge the contents of the shipment I have accepted for transport conforms with the description on this manifest."

TRANSPORTER NO. 1 PERMIT NUMBER: 9A-080

DATE RECEIVED: 4 06 84 (Mo. Day Yr.)

COPY 3 Generator—Retained by Generator

Tear at this Perforation

CleanHarbors WASTE MATERIAL PROFILE SHEET

Profile Number: 51222

A. GENERAL INFORMATION

GENERATOR: General Electric Company
FACILITY ADDRESS: Electronics Park
BILL TO: C.H.I.
BILL TO ADDRESS:
SIC NUMBER IF KNOWN:
GENERATOR U.S. EPA ID #: NYD 059385120
CLEAN HARBORS CONTACT PERSON: Linda Kemp
GENERATOR STATE ID #:
SAMPLE APPROVAL P.O. #:
TECHNICAL CONTACT: FRANK COLLIS
CUSTOMER CONTACT:
TECHNICAL CONTACTS PHONE: 315-456-0509
CUSTOMER CONTACT PHONE: 315-463-1349

B. WASTE DESCRIPTION

COMMON NAME FOR THE WASTE: Water from EP-7 Office Sump
PROCESS GENERATING THIS WASTE: Water from collection sump-containing low-level PCB contamination

C. PROPERTIES

PH: ≈ 7 % ORGANIC NITROGEN: % SULFUR: % ORGANIC HALOGEN: BTU'S PER LB: % ASH:
COLOR: ODOR: % T.O.C.:

FLASH POINT (°F): ☐ < 100 ☐ 100-140 ☐ 140-200 ☐ > 200 ☒ NO FLASH

PHYSICAL STATE: ☐ THICK VISCOUS LIQUID ☐ LIQUID WITH NO SOLIDS ☐ LIQUID/SOLID MIXTURE ☐ SOLID WITHOUT FREE LIQUIDS ☐ POWDER ☒ WASTE WATER ☐ NON-WASTE WATER

% DISSOLVED SOLIDS: % SUSPENDED SOLIDS: % SETTLED SOLIDS:

D. COMPOSITION

Sump water (once-through cooling water, ground water)	100 %
See attached analytical	%

E. METALS ☐ TOTAL (PPM) ☐ TCLP (PPM)

ARSENIC	NONE SUSPECTED	NICKEL	NONE SUSPECTED
BARIUM		SELENIUM	
CADMIUM		SILVER	
CHROMIUM		THALLIUM	
CHROMIUM Cr+6		TIN	
COPPER		ZINC	
LEAD		OTHER	
IRON		BERYLLIUM	
MERCURY		OTHER	

F. OTHER COMPONENTS

AMMONIA	none Suspected	HEPTACHLOR (AND ITS HYDROXIDE)	none suspect
BENZENE		HEXACHLOROBENZENE	
CHLORDANE		HEXACHLOROETHANE	
CHLOROBENZENE		LINDANE	
CHLOROFORM		METHOXYCHLOR	
o-CRESOL		METHYL ETHYL KETONE	
m-CRESOL		NITROBENZENE	
p-CRESOL		PENTACHLOROPHENOL	
CRESOL		PCB'S → 11 ppb	
CYANIDES		PYRIDINE	
2,4-DICHLOROPHENOXYACETIC ACID		SULFIDES	none - suspected
1,4-DICHLOROBENZENE		TETRACHLOROETHYLENE	
1,1-DICHLOROETHYLENE		TOXAPHENE	
2,4-DINITROTOLUENE		TRICHLOROETHYLENE	
ENDRIN		2,4,5-TRICHLOROPHENOL	
F001-F005 SOLVENTS		2,4,6-TRICHLOROPHENOL	
LIST		2,4,5-TRICHLOROPHENOXYPROPIONIC ACID	
		VINYL CHLORIDE	

G. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. HAZARDOUS MATERIAL ☐ YES ☐ NO
D.O.T. SHIPPING NAME:
D.O.T. HAZARD CLASS:
UN/NA #: REPORTABLE QUANTITY VALUE:

H. SHIPMENT METHOD

☒ BULK LIQUID ☐ BULK SOLID ☐ DRUM (SIZE):
☐ OTHER (SPECIFY):

I. ANTICIPATED VOLUME

3000 gallons - one-time
FREQUENCY: ☐ GALS. ☐ DRUMS ☐ CUBIC YDS. ☐ ONE TIME ☐ QUARTER ☐ YEAR

J. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☐ YES ☐ NO
U.S. EPA HAZARDOUS WASTE NUMBER(S):
STATE HAZARDOUS WASTE ☐ YES ☐ NO
STATE HAZARDOUS WASTE NUMBER(S):

K. OTHER HAZARDS

	YES	NO
PYROPHORIC	☐	☒
WATER REACTIVE	☐	☒
EXPLOSIVE	☐	☒
RADIOACTIVE	☐	☒
SHOCK SENSITIVE	☐	☒
PESTICIDE	☐	☒
DIOXIN	☐	☒
IS THIS AN ELECTROPLATING WASTE	☐	☒

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS ☐ HAS NOT ☒ BEEN SUPPLIED.

FOR CLEAN HARBORS USE ONLY

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL

OTHER GENERATOR COMMENTS

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

Frank P. Collis for General Electric — AUTHORIZED SIGNATURE
FRANK P. COLLIS — NAME (PRINT)
3-19-91 — DATE

CHI 102

01/17/91

Upstate Laboratories, Inc.
Analysis Results
Report Number: 011791004
Client I.D.: GENERAL ELECTRIC COMPANY
Sampled by: Client

APPROVAL: _ [illegible]
QC: _ _ _ _ MF
Lab I.D.: 10170

E PARK BLOODY BROOK
EXTRAS 530 STORM SEWER 002 OUTLET 1/14/91 1045H G

ULI I.D.: 01491048

Matrix: Water

	PARAMETERS	RESULTS	DATE ANAL.	KEY
	Trichloroethylene	10ug/l	01/14/91	
	1,1,1-Trichloroethane	1ug/l	01/14/91	
	Chloroform	<1ug/l	01/14/91	
	Freon 11	<1ug/l	01/14/91	
	Freon 113	<1ug/l	01/14/91	
Total	Lead	<0.1mg/l	01/16/91	

All results are on an as rec.d basis unless otherwise stated.

EXHIBIT C

WASTE PRODUCT RE))

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 1430
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: E-Lab	SITE ADDRESS: Bl. 3, Electronics Park, Syracuse,
BUSINESS ADDRESS (IF DIFFERENT FROM SITE): EP3 - Analytical Chem.	RESPONSIBLE INDIVIDUAL: D. Webb — PHONE NO: 3031
NAME OR DESCRIPTION OF WASTE: Chlorinated Solvents	DOT CLASSIFICATION:

QUANTITY: 2 — [X] GALS. [ ] TONS [ ] CU. FT. — PER [X] MONTH [ ] YEAR [ ] ONCE — PACKING: [ ] DRUMS [ ] BULK [ ] OTHER — SHIPPING/STORAGE: [ ] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | (LIQUID) | SEMI-SOLID

SPECIFIC GRAVITY: < | .8 | .9 | 1 | (1.1) | 1.2 | 1.3 | 1.4 | >

VISCOSITY: (LOW) | MEDIUM | HIGH

FLASH POINT (°F): < 100 | 100-140 | > 140 | (NONE)

pH (CIRCLE RANGE): < | 1 | 2 | 3 | 5 | (7) | 9 | 11 | >

LAYERING: (NONE) | BI | MULTI — TOP ___% ___ BOTTOM ___% — MID ___% ___

SOLIDS: [ ] BY WEIGHT [ ] BY VOLUME — ___% TOTAL ___% DISSOLVED ___% SUSPENDED ___% ASH@650°C

TU/LB (THOUSANDS): <1 | 1-5 | 5-9 | 9-12 | >12 — NA — ORGANO-CHLORINE: 0-TR | <1% | (>1%) — SULFUR: 0-TR | (<1%) | >1%

TOXICITY: LOW | (MEDIUM) | HIGH — REACTIVITY: (LOW) | MEDIUM | HIGH — TOXICITY INFO.: [X] INGESTION [ ] DERMAL [ ] INHALATION [X] AQUATIC [ ] BIO ACCUM. — DESCRIBE ON NEXT LINE

COMPOSITION (ACCOUNT FOR 100%):

%		%
	Trichloroethylene	
	1.1.1 trichoroethane	
	Ethylane dichloride	
	Methylene Chloride	
	and others	

DESCRIBE:

Use precautions normally recommended.

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AN ABILITY TO DETERMINE, THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN C SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE	TITLE	SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

REQUEST FOR APPROVAL NO.	DATE	[ ] TRIAL [ ] ONGOING	SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE	SIGNATURE	AGENCY NAME AND ADDRESS

WASTE PRODUCT RECC

13-35

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 14303
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: E-Lab	SITE ADDRESS: Bldg. 3, Electronics Park, Syracuse, N
BUSINESS ADDRESS (IF DIFFERENT FROM SITE): EP-3 Analytical Chemistry	RESPONSIBLE INDIVIDUAL: D. Webb — PHONE NO.: 3031
NAME OR DESCRIPTION OF WASTE: Flammable Solvents	DOT CLASSIFICATION:

QUANTITY: 2 — [X] GALS. [ ] TONS [ ] CU. FT. — PER: [X] MONTH [ ] YEAR [ ] ONCE

PACKING: [ ] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [ ] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID / LIQUID / SEMI-SOLID

COMPOSITION (ACCOUNT FOR 100%): Unable to predict since lab uses many solvents in small quantities.

SPECIFIC GRAVITY: < / .8 / .9 / 1 / 1.1 / 1.2 / 1.3 / 1.4 / >

VISCOSITY: LOW / MEDIUM / HIGH

FLASH POINT (°F): < 100 / 100-140 / > 140 / NONE

pH (CIRCLE RANGE): < / 1 / 2 / 3 / 5 / 7 / 9 / 11 / >

LAYERING: NONE / 8.1 / MULTI — TOP ___% ___ BOTTOM ___% MID ___%

SOLIDS: [ ] BY WEIGHT [ ] BY VOLUME ___% TOTAL ___% DISSOLVED ___% SUSPENDED ___% ASH @ 650°C

LB (THOUSANDS): < / 1-5 / 5-9 / 9-12 / >12

ORGANO-CHLORINE: 0-TR / <1% / >1%

SULFUR: 0-TR / <1% / >1%

TOXICITY: LOW / MEDIUM / HIGH

REACTIVITY: LOW / MEDIUM / HIGH

TOXICITY INFO.: [X] INGESTION [X] DERMAL [X] INHALATION [X] AQUATIC [ ] BIO ACCUM — DESCRIBE ON NEXT LINE

DESCRIBE: Mixture of solvents such as acetone, toluene, xylene, ethyl alcohol, etc.

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

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DATE	TITLE	SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

REQUEST FOR APPROVAL NO.	DATE	[ ] TRIAL [ ] ONGOING	SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE	SIGNATURE	AGENCY NAME AND ADDRESS
6/23/78	13-35	

WASTE PRODUCT REC( )

G-1E

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 143
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: E-Lab	SITE ADDRESS: Bldg. 3, Elec. Park, Syracuse, N.Y.
BUSINESS ADDRESS (IF DIFFERENT FROM SITE): EP-3 Analytical Chem.	RESPONSIBLE INDIVIDUAL: D. Webb; PHONE NO: 3031
NAME OR DESCRIPTION OF WASTE: Liquid Polymers and Paints	DOT CLASSIFICATION:

QUANTITY: 1 — [x] GALS. [ ] TONS [ ] CU. FT. — PER [x] MONTH [ ] YEAR [ ] ONCE

PACKING: [ ] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [ ] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | (LIQUID) | SEMI-SOLID

SPECIFIC GRAVITY: < | .8 | .9 | 1 | (1.1) | 1.2 | 1.3 | 1.4 | >

VISCOSITY: (LOW) | MEDIUM | HIGH

FLASH POINT (°F): (< 100) | 100-140 | > 140 | NONE

pH (CIRCLE RANGE): < | 1 | 2 | 3 | 5 | (7) | 9 | 11 | >

LAYERING: (NONE) | 2-1 | MULTI — TOP ___% BOTTOM ___% MID ___%

SOLIDS: [ ] BY WEIGHT [ ] BY VOLUME — ___% TOTAL ___% DISSOLVED ___% SUSPENDED ___% ASH @ 550°C

BTU/LB (THOUSANDS): NA — <1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: (0 TR) | <1% | >1%

SULFUR: 0 TR | (<1%) | >1%

TOXICITY: (LOW) | MEDIUM | HIGH

REACTIVITY: (LOW) | MEDIUM | HIGH

TOXICITY INFO.: [ ] INGESTION [ ] DERMAL [ ] INHALATION [ ] AQUATIC [ ] BIO-ACCUM. — DESCRIBE ON NEXT LINE

DESCRIBE

This liquid waste includes solvents, resins, pigments, fillers. The fillers and pigments will tend to settle out.

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

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DATE	TITLE	SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

REQUEST FOR APPROVAL NO.	DATE	[ ] TRIAL [ ] ONGOING	SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE	SIGNATURE	AGENCY NAME AND ADDRESS

13-73

WASTE PRODUCT RECORD

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 143
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: GENERAL ELECTRIC Co.

SITE ADDRESS: EP 5 ~~BLDG B~~ ~~[illegible]~~ SYRACUSE NY

BUSINESS ADDRESS (IF DIFFERENT FROM SITE): Box 4840 SYRACUSE NY 13221

RESPONSIBLE INDIVIDUAL:

PHONE NO: 515 456-7025

NAME OR DESCRIPTION OF WASTE: OAKITE VIS STRIP

DOT CLASSIFICATION:

QUANTITY: 250 — [x] GALS. [ ] TONS [ ] CU. FT. — PER [ ] MONTH [x] YEAR [ ] ONCE

PACKING: [x] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [x] STEEL [ ] STAINLESS [ ] OTHER 30 GAL PLASTIC INSE

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | LIQUID | SEMI-SOLID

SPECIFIC GRAVITY: < | .8 | .9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | >

VISCOSITY: LOW | MEDIUM | HIGH

FLASH POINT (°F): < 100 | 100-140 | > 140 | NONE

pH (CIRCLE RANGE): < | 1 | 2 | 3 | 5 | 7 | 9 | 11 | > — 2.5

LAYERING: NONE | B1 | MULTI — TOP 80 % — MID ___ % — BOTTOM 20 %

SOLIDS: [ ] BY WEIGHT [x] BY VOLUME — ___ % TOTAL — 20 % SUSPENDED — ___ % DISSOLVED — ___ % ASH@650°C

BTU/LB (THOUSANDS): <1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: 0-TR | <1% | >1%

SULFUR: 0-TR | <1% | >1%

TOXICITY: LOW | MEDIUM | HIGH

REACTIVITY: LOW | MEDIUM | HIGH

TOXICITY INFO.: [x] INGESTION [x] DERMAL [x] INHALATION [ ] AQUATIC [ ] BIO-ACCUM. — DESCRIBE ON NEXT LINE

COMPOSITION (ACCOUNT FOR 100%):

50 %	METHYLENE CHLORIDE %
25 %	CHLORO ACETIC ACID %
13 %	XYLENE %
10 %	BUTYL ALCOHOL %
2 %	ANIONIC SURFACTANTS %
%	%
%	%
%	%

DESCRIBE

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE A ABILITY TO DETERMINE, THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE: 12/7/79 — TITLE: MGR-SHOP OPERATIONS — SIGNATURE: Robert Nosengo

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

REQUEST FOR APPROVAL NO. — DATE — [ ] TRIAL [ ] ONGOING — SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE: 11/15/82 — SIGNATURE: B. S. Richard — AGENCY NAME AND ADDRESS

WASTE PRODUCT RECORD

13

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 14
716 - 285-8206

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: General Electric Company

SITE ADDRESS: Bldg. 6, Electronics Park

BUSINESS ADDRESS (IF DIFFERENT FROM SITE):

RESPONSIBLE INDIVIDUAL:

PHONE NO:

NAME OR DESCRIPTION OF WASTE: Waste Trichlorethylene (see below)

DOT CLASSIFICATION:

QUANTITY: 264 — ☒ GALS ☐ TONS ☐ CU. FT. — PER: ☐ MONTH ☒ YEAR ☐ ONCE

PACKING: ☒ DRUMS ☐ BULK ☐ OTHER

SHIPPING/STORAGE: ☒ STEEL ☐ STAINLESS ☐ OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | (LIQUID) | SEMI-SOLID

SPECIFIC GRAVITY: < | .8 | .9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | (>)

VISCOSITY: (LOW) | MEDIUM | HIGH

FLASH POINT (°F): < 100 | 100-140 | > 140 | (NONE)

pH (CIRCLE RANGE): NA — < | 1 | 2 | 3 | 5 | 7 | 9 | 11 | >

LAYERING: (NONE) | BI | MULTI — TOP ____% ____ BOTTOM ____% MID ____% ____

SOLIDS: ☐ BY WEIGHT ☐ BY VOLUME — ____% TOTAL ____% DISSOLVED ____% SUSPENDED ____% ASH@650°C

BTU/LB (THOUSANDS): <1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: 0-TR | <1% | (>1%)

SULFUR: (0 TR) | <1% | >1%

COMPOSITION (ACCOUNT FOR 100%):

~>70 %	Trichlorethylene
~<5 %	di (2-ethylheoyl) phthalote
~<30 %	Shell #15 oil

TOXICITY: LOW | MEDIUM | HIGH

REACTIVITY: LOW | MEDIUM | HIGH

TOXICITY INFO.: ☐ INGESTION ☐ DERMAL ☐ INHALATION ☐ AQUATIC ☐ BIO-ACCUM — DESCRIBE ON NEXT LINE

DESCRIBE

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE A ABILITY TO DETERMINE. THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE | TITLE | SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO. | WASTE PRODUCT CODE | PROPOSED DISPOSAL METHOD | APPROVAL REFERENCE

This waste is generated in the mask fabrication area, specifically the mask degreasers. Periodically, the degreasers are drained and cleaned and the resulting trichlorethylene contains oil from the masks plus a plasticizer used in the Tygon tubing.

REQUEST FOR APPROVAL NO. | DATE | ☐ TRIAL ☐ ONGOING | SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

☐ APPROVED ☐ CONDITIONAL APPROVAL ☐ APPROVAL WITHHELD ☐ DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE: 6/20/78 | SIGNATURE: 13-30 | AGENCY NAME AND ADDRESS

WASTE PRODUCT RECORD

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 14303
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: General Electric Company

SITE ADDRESS: Bldg. 6, Electronics Park

BUSINESS ADDRESS (IF DIFFERENT FROM SITE):

RESPONSIBLE INDIVIDUAL:

PHONE NO.:

NAME OR DESCRIPTION OF WASTE: Waste Trichlorethylene (see below)

DOT CLASSIFICATION:

QUANTITY: 55 [X] GALS. [ ] TONS [ ] CU. FT. — PER [X] MONTH [ ] YEAR [ ] ONCE

PACKING: [X] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [X] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | (LIQUID) | SEMI-SOLID

SPECIFIC GRAVITY: < | .8 | .9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | (>)

VISCOSITY: (LOW) | MEDIUM | HIGH

FLASH POINT (°F): < 100 | 100-140 | > 140 | (NONE)

pH (CIRCLE RANGE): NA — < | 1 | 2 | 3 | 5 | 7 | 9 | 11 | >

LAYERING: (NONE) | B1 | MULTI — TOP ____% BOTTOM ____% MID ____%

SOLIDS: [X] BY WEIGHT [ ] BY VOLUME — ~2 % TOTAL ____% DISSOLVED ____% SUSPENDED ____% ASH@650°C

BTU/LB (THOUSANDS): 1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: 0-TR | <1% | (>1%)

SULFUR: (0 TR) | <1% | >1%

TOXICITY: LOW | MEDIUM | HIGH

REACTIVITY: LOW | MEDIUM | HIGH

TOXICITY INFO.: [ ] INGESTION [ ] DERMAL [ ] INHALATION [ ] AQUATIC [ ] BIO-ACCUM — DESCRIBE ON NEXT LINE

COMPOSITION (ACCOUNT FOR 100%):

~95 %	Trichlorethylene ____%
~<5 %	Silicone resin ____%
~<1 %	GPD oil red dye ____%
____%	____%
____%	____%
____%	____%
____%	____%

DESCRIBE

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE. THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE | TITLE | SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO. | WASTE PRODUCT CODE | PROPOSED DISPOSAL METHOD | APPROVAL REFERENCE

This waste material is generated in the anti-corona spray area. The machine attendant uses trichlorethylene to clean the masking devices that are used during the spraying of anti-corona coating on the picture tube.

REQUEST FOR APPROVAL NO. | DATE | [ ] TRIAL [ ] ONGOING | SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE: 6/20/78 | SIGNATURE | AGENCY NAME AND ADDRESS

WASTE PRODUCT RE[illegible]D

13-3

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 143[illegible]
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: General Electric Company	SITE ADDRESS: Bldg. 6, Electronics Park
BUSINESS ADDRESS (IF DIFFERENT FROM SITE):	RESPONSIBLE INDIVIDUAL: / PHONE NO:
NAME OR DESCRIPTION OF WASTE: Waste Epoxy Resin & Trichlorethylene (see below)	DOT CLASSIFICATION:

QUANTITY: 55 — [X] GALS. [ ] TONS [ ] CU. FT. — PER: [X] MONTH [ ] YEAR [ ] ONCE

PACKING: [X] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [X] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID / (LIQUID) / SEMI-SOLID

COMPOSITION (ACCOUNT FOR 100%): ~85 % Trichloroethylene %

SPECIFIC GRAVITY: < / .8 / .9 / 1 / 1.1 / 1.2 / 1.3 / 1.4 / (>)

~15 % Epoxy-Resin and Hardener %

VISCOSITY: (LOW) / MEDIUM / HIGH

% %

FLASH POINT (°F): < 100 / 100-140 / > 140 / (NONE)

% %

pH (CIRCLE RANGE): < / 1 / 2 / 3 / 5 / 7 / 9 / 11 / > — NA

% %

LAYERING: NONE / B1 / MULTI — Yes — TOP 80 % BOTTOM 20 % MID %

% %

SOLIDS: [X] BY WEIGHT [ ] BY VOLUME — ~15 % TOTAL — % DISSOLVED — % SUSPENDED — % ASH@650°C

% %

BTU/LB (THOUSANDS): <1 / 1-5 / 5-9 / 9-12 / >12

ORGANO-CHLORINE: 0-TR / <1% / (>1%)

SULFUR: 0-TR / <1% / >1% — NA

% %

TOXICITY: LOW / MEDIUM / HIGH

REACTIVITY: LOW / MEDIUM / HIGH

TOXICITY INFO.: [ ] INGESTION [ ] DERMAL [ ] INHALATION [ ] AQUATIC [ ] BIO-ACCUM. — DESCRIBE ON NEXT LINE

DESCRIBE

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AN[illegible] ABILITY TO DETERMINE, THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN O[illegible] SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE	TITLE	SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

This waste is generated in the Kimcode area. The tubes used to dispense the mixed epoxy resin and hardener are periodically cleaned with trichlorethylene. This waste is then put into drums for disposal.

REQUEST FOR APPROVAL NO.	DATE	[ ] TRIAL [ ] ONGOING	SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE	SIGNATURE	AGENCY NAME AND ADDRESS
6/20/78	[illegible]	

WASTE PRODUCT RECORD

13-35 D-8

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N Y 143
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME	SITE ADDRESS
General Electric Company	Bldg. 6 & 15, Electronics Park

BUSINESS ADDRESS (IF DIFFERENT FROM SITE)	RESPONSIBLE INDIVIDUAL	PHONE NO

NAME OR DESCRIPTION OF WASTE: Waste Lacquer (see below)

DOT CLASSIFICATION:

QUANTITY: 660 — [X] GALS [ ] TONS [ ] CU. FT. — PER [X] MONTH [ ] YEAR [ ] ONCE

PACKING: [X] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [X] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | (LIQUID) | SEMI-SOLID

SPECIFIC GRAVITY: < | (.8 | .9) | 1 | 1.1 | 1.2 | 1.3 | 1.4 | >

VISCOSITY: (LOW) | MEDIUM | HIGH

FLASH POINT (°F): (< 100) | 100-140 | > 140 | NONE

pH (CIRCLE RANGE): NA — < | 1 | 2 | 3 | 5 | 7 | 9 | 11 | >

LAYERING: NONE | B1 | MULTI — Yes — TOP ~89 % — MID ___ % — BOTTOM ~11 %

SOLIDS: [X] BY WEIGHT [ ] BY VOLUME — ~6 % TOTAL — 2.5 % SUSPENDED — ~3.5 % DISSOLVED — ___ % ASH-FESDT

BTU/LB (THOUSANDS): <1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: (<TR) | <1% | >1%

SULFUR: (<TR) | <1% | >1%

TOXICITY: LOW | MEDIUM | HIGH

REACTIVITY: LOW | MEDIUM | HIGH

TOXICITY INFO.: [ ] INGESTION [ ] DERMAL [ ] INHALATION [ ] AQUATIC [ ] BIO-ACCUM. — DESCRIBE ON NEXT LINE

COMPOSITION (ACCOUNT FOR 100%)			
~<47 %	Toluene	%	
~<20 %	Methyl ethyl ketone	%	
~<5 %	Methyl isobutyl ketone	%	
~<28 %	Ethyl acetate	%	
~<3.5 %	Acrylic resin	%	
~<2.5 %	K_2SiO_3	%	
~<5 %	H_2O	%	
%		%	

DESCRIBE

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AN ABILITY TO DETERMINE, THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN C SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE	TITLE	SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

This waste material is generated near to the end of the screening process, specifically the aluminizing lacquer apply station. The waste consists of run-off lacquer plus a small amount of pre-wet solution (dilute potassium silicate) from the lacquer spray station.

REQUEST FOR APPROVAL NO.	DATE	[ ] TRIAL [ ] ONGOING	SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE	SIGNATURE	AGENCY NAME AND ADDRESS

G-5

13-54

WASTE PRODUCT RECORD

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 143
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: GENERAL ELECTRIC CO.

SITE ADDRESS: Bldg. 6, E.P.

BUSINESS ADDRESS (IF DIFFERENT FROM SITE):

RESPONSIBLE INDIVIDUAL:

PHONE NO:

NAME OR DESCRIPTION OF WASTE: Waste Solvent

DOT CLASSIFICATION:

QUANTITY: 220 — [X] GALS. [ ] TONS [ ] CU. FT. — PER [X] MONTH [ ] YEAR [ ] ONCE

PACKING: [X] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [X] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | LIQUID | SEMI-SOLID

COMPOSITION (ACCOUNT FOR 100%): % %

SPECIFIC GRAVITY: < | .8 | .9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | >

VISCOSITY: LOW | MEDIUM | HIGH

FLASH POINT (°F): < 100 | 100-140 | > 140 | NONE

pH (CIRCLE RANGE): < | 1 | 2 | 3 | 5 | 7 (NA) | 9 | 11 | >

LAYERING: NONE | B1 | MULTI — TOP % BOTTOM % MID %

SOLIDS: [ ] BY WEIGHT [ ] BY VOLUME — Estimate <10 % TOTAL — % DISSOLVED — % SUSPENDED — % ASH@650°C

BTU/LB (THOUSANDS): <1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: 0-TR | <1% | >1%

SULFUR: 0 TR | <1% | >1%

TOXICITY: LOW | MEDIUM | HIGH

REACTIVITY: LOW | MEDIUM | HIGH

TOXICITY INFO.: [ ] INGESTION [ ] DERMAL [ ] INHALATION [ ] AQUATIC [ ] BIO-ACCUM. — DESCRIBE ON NEXT LINE

DESCRIBE

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AN ABILITY TO DETERMINE, THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN C SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE | TITLE | SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO. | WASTE PRODUCT CODE | PROPOSED DISPOSAL METHOD | APPROVAL REFERENCE

This waste is generated in the following manner: The materials group provides an empty 55 gal. drum which is located in the flammable materials storage room. This drum is then used as a catch-all for all waste materials (not necessarilly organic solvents) that cannot be legally flushed down the drain. This waste material can come from any of the many laboratories or other special processes located in the building.

REQUEST FOR APPROVAL NO. | DATE | [ ] TRIAL [ ] ONGOING | SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE: 6/[illegible]/78 | SIGNATURE | AGENCY NAME AND ADDRESS

13-39 D-8

WASTE PRODUCT RECORD

FRONTIER CHEMICAL WASTE PROCESS INC.

4626 Royal Avenue
Niagara Falls, N.Y. 14303
716 - 285-8208

THIS SECTION TO BE COMPLETED BY THE WASTE GENERATOR:

COMPANY NAME: General Electric Company	SITE ADDRESS: Bldg. 7, E.P.
BUSINESS ADDRESS (IF DIFFERENT FROM SITE): Syracuse, N.Y. 13221	RESPONSIBLE INDIVIDUAL: J. Ciaranello — PHONE NO.: 456-2767
NAME OR DESCRIPTION OF WASTE: Aromatic & Ketone Solvents	DOT CLASSIFICATION: Flammable

QUANTITY: 2000 — [X] GALS. [ ] TONS [ ] CU. FT. — PER [ ] MONTH [X] YEAR [ ] ONCE

PACKING: [X] DRUMS [ ] BULK [ ] OTHER

SHIPPING/STORAGE: [X] STEEL [ ] STAINLESS [ ] OTHER

PHYSICAL STATE (CIRCLE APPROPRIATE BLOCKS): SOLID | LIQUID | SEMI-SOLID

SPECIFIC GRAVITY: < | .8 | .9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | >

VISCOSITY: LOW | MEDIUM | HIGH

FLASH POINT (°F): < 100 | 100-140 | > 140 | NONE

pH (CIRCLE RANGE): < | 1 | 2 | 3 | 5 | 7 | 9 | 11 | >

LAYERING: NONE | B 1 | MULTI — TOP ___% ___ BOTTOM ___% — MID ___%

SOLIDS: [ ] BY WEIGHT [ ] BY VOLUME — ___% TOTAL ___% DISSOLVED ___% SUSPENDED ___% ASH@650°C

BTU/LB (THOUSANDS): <1 | 1-5 | 5-9 | 9-12 | >12

ORGANO-CHLORINE: 0-TR | <1% | >1%

SULFUR: 0-TR | <1% | >1%

TOXICITY: LOW | MEDIUM | HIGH

REACTIVITY: LOW | MEDIUM | HIGH

TOXICITY INFO.: [ ] INGESTION [ ] DERMAL [ ] INHALATION [ ] AQUATIC [ ] BIO-ACCUM. — DESCRIBE ON NEXT LINE

COMPOSITION (ACCOUNT FOR 100%):

0-100%	Aromatics	%
0-100%	Ketones	%
%		%
%		%
%		%
%		%
%		%
%		%

DESCRIBE: Xylene, Toluene, Acetone, Methyl Ethyl Ketone

PLEASE ATTACH ANY ADDITIONAL HANDLING AND HAZARD INFORMATION, TOXICOLOGY REPORTS, OSHA DATA SHEETS, ETC.

I HEREBY CERTIFY THAT THE ABOVE AND ATTACHED DESCRIPTION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THAT NO DELIBERATE OR WILLFULL OMISSIONS OF COMPOSITION OR PROPERTIES EXISTS, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

DATE	TITLE	SIGNATURE

THIS SECTION TO BE COMPLETED BY FRONTIER CHEMICAL

SAMPLE LOG NO.	WASTE PRODUCT CODE	PROPOSED DISPOSAL METHOD	APPROVAL REFERENCE

REQUEST FOR APPROVAL NO.	DATE	[ ] TRIAL [ ] ONGOING	SIGNATURE

THIS SECTION TO BE COMPLETED BY REGULATORY AGENCY: (WHEN APPLICABLE)

[ ] APPROVED [ ] CONDITIONAL APPROVAL [ ] APPROVAL WITHHELD [ ] DISAPPROVED

CONDITIONS/REASONS FOR WITHHOLDING OR DISAPPROVAL

DATE	SIGNATURE	AGENCY NAME AND ADDRESS
11/15/82	[illegible]	

EXHIBIT D

Exhibit 2 D-143

GENERAL ELECTRIC

SYRACUSE RELATIONS AND UTILITIES OPERATION
GENERAL ELECTRIC COMPANY • ELECTRONICS PARK • SYRACUSE, NEW YORK 13221

Building 9, Room 101
Electronics Park
Syracuse, New York 13221
February 25, 1986

Mr. Peter Flynn
U. S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10278

RECEIVED
FEB 27 1986
D. McALLISTER

Re.: York Oil Facility, Moira, New York

Dear Mr. Flynn:

Please find enclosed our responses to EPA's letter of January 23, 1986 in connection with the above facility.

We understand from Thomas Armstrong of General Electric's Environmental Protection Operation with whom you spoke that the inquiry is directed primarily to determine whether or not this facility has ever utilized the York Oil Facility or its related companies for disposal of waste oils, lubricants or polychlorinated biphenyls. Our responses to your inquiry are set forth on the attached. An exhaustive review of our shipping records indicate that none of the companies in question were ever utilized by General Electric Liverpool (Syracuse) for shipping and/or disposal of any such materials.

We include a report prepared for the State of New York dated August 29, 1984, setting forth the various waste oil disposal sites that our facility has utilized for the years 1952 through 1981. An extensive search of our records was made at that time in developing this report. You will note that none of the organizations in your inquiry are included.

A further record review in direct response to your inquiry was made by our Environmental Systems Engineer, who further confirms no such utilization of these companies.

Very truly yours,

Edward C. Gleason

Edward C. Gleason
Manager-Utilities and Plant Services

/mm
Enclosures

RE: York Oil Facility
Moira, New York

RESPONSES OF GENERAL ELECTRIC COMPANY LIVERPOOL (SYRACUSE)

1. General Electric Liverpool (Syracuse) has been engaged in the manufacture of various electronic components. Some of the equipment used in the manufacturing processes use oil and/or lubricants.

2. The facility has some standard electric components some of which contain polychlorinated biphenyls in our electrical distribution system such as transformers, capacitors and fluorescent lighting ballasts.

3. A review of our records indicate there were no polychlorinated biphenyls removed from the facility by the Peirce Oil Company (also known as Pierce Oil Company, York Oil Company, Inc., Peirce Oil Service, Peirce Brothers Oil Service and Kenneth Peirce Oil Service). In addition, there were no PCB's removed by Parent Oil Company or Wally Parent. The foregoing answer is based on an exhaustive record search of all shipping records from 1962, along with interviews of various Company employees.

4. A review of our records indicate that we have never done any business with Peirce Oil Company (also known as Pierce Oil Company, York Oil Company, Inc., Peirce Oil Service, Peirce Brothers Oil Service and Kenneth Peirce Oil Service), its agents, employees, or independent contractor.

5. See attached report prepared for the State of New York dated August 29, 1984.

6. A review of our records indicate that we have never done any business with Parent Oil Company or Wally Parent personally.

7. See attached report prepared for the State of New York dated August 29, 1984.

8. See attached report prepared for the State of New York dated August 29, 1984.

9. See attached report prepared for the State of New York dated August 29, 1984.

February 25, 1986

CERTIFICATION OF ANSWERS TO
REQUEST FOR INFORMATION

I certify that the foregoing answers to the EPA Request for Information are true, complete, and accurate to the best of my information and belief and that any documents submitted herewith are true, complete, and authentic to the best of my knowledge and belief.

Barry L. Pickard
Printed Name of Person Signing

Environmental Systems Engr.
Title

Barry L. Pickard
Signature of Person Signing

Feb. 25, 1986

NAME	ICS NUMBER - EPA ID NUMBER	
General Electric Co.	NYD059385120	
ADDRESS Electronics Park		
CITY Liverpool	STATE N.Y.	ZIP 13088

GENERATOR FORM

PART - II

G

DATE 8/29/84

1. HAZARDOUS WASTE DISPOSAL SITE (SEE INSTRUCTIONS)	2. DESCRIPTION OF HAZARDOUS WASTES DEPOSITED AT THIS LOCATION (SEE INSTRUCTIONS)	3. EPA WASTE CODE	4. WASTE DISPOSED OF QUANTITY OF WASTE (TONS)	FORM LIQUID	FORM SOLID	FORM DRUMS	5. WASTE DISPOSAL DATES	6. TRANSPORTER OF HAZARDOUS WASTE (SEE INSTRUCTIONS)
Seneca County Solid Waste Management Facility, Seneca Falls, N.Y.	Waste No. 6 Fuel Oil	D001	49		X		1976	Environmental Systems Co., 4269 James St Syracuse, N.Y.
Solvent Savers P.O. Box 156 DeRuyter, N.Y. (Site Location Unknown)	Waste Trichloroethylene (Sold for reclamation)	U228	391			X	1965 thru 1973	Solvent Savers Inc. P.O. Box 156 DeRuyter, N.Y. (Site Location Unknown)
Solvent Savers P.O. Box 156 DeRuyter, N.Y. (Site Location Unknown)	Waste Oils, Solvents, Lacquers, Paints & Industrial Cleaners	D001 F001 F002 F003 F005	746 (No Breakdown Available)			X	1971 thru 1973	Solvent Savers Inc. P.O. Box 156 DeRuyter, N.Y. (Site Location Unknown)
Frontier Chemical Waste Process Inc. 4626 Royal Ave. Niagara Falls, N.Y.	Waste Acids, Caustics, Solvents, Lacquers, Oils, Paints, Cleaners & Sludges	D001 D002 D008 F001 F003 F005 P075 U226	29 66 36 27 49 9 2 2			X X X X X X X X	1973 thru 1978	Frontier Chemical Waste Process Inc. 4626 Royal Ave. Niagara Falls, N.Y.
Same As Above	Same As Above						Same As Above	Same As Above
Same As Above	Same As Above	U228 U080 U210 F015	4 1 2 1			X X X X	Same As Above	Same As Above
Frontier Chemical Waste Process Inc., 4626 Royal Ave. Niagara Falls, N.Y. 14303	Waste Acids, Caustics, Solvents, Lacquers, Oils, Paints, Cleaners & Sludges	Same As 1973 Thru 1978	828 (No Breakdown Available)			X	1979 & 1980	Frontier Chemical Waste Process Inc., 4626 Royal Ave., Niagara Falls, NY

NAME	ICS NUMBER - EPA ID NUMBER	
General Electric Co.	NYD059385120	
ADDRESS Electronics Park		
CITY Liverpool,	STATE N.Y.	ZIP 13088

GENERATOR FORM

PART - II

G

DATE 8/29/84

1. HAZARDOUS WASTE DISPOSAL SITE (SEE INSTRUCTIONS)	2. DESCRIPTION OF HAZARDOUS WASTES DEPOSITED AT THIS LOCATION (SEE INSTRUCTIONS)	3. EPA WASTE CODE	4. WASTE DISPOSED OF QUANTITY OF WASTE (TONS)	FORM LIQUID	FORM SOLID	FORM DRUMS	5. WASTE DISPOSAL DATES	6. TRANSPORTER OF HAZARDOUS WASTE (SEE INSTRUCTIONS)
Frontier Chemical Waste Process, Inc. 4626 Royal Ave., Niagara Falls, N.Y. 14303	Waste Acids, Caustics, Solvents, Lacquers, Oils, Paints, Cleaners & Sludges	D001 D002 D004 D008	42 194 2 103			X X X X	1981	Frontier Chemical Waste Process, Inc. 4626 Royal Ave. Niagara Falls, N.Y. 14303
Same As Above	Same As Above	F001 F003 F005	45 129 72			X X X	Same As Above	Same As Above
Same As Above	Same As Above	U226 U228 U080 F015	15 19 4 1			X X X X	Same As Above	Same As Above
Same As Above	Same As Above	U134 U096 F006 P075	8 1 0.5 5			X X X X	Same As Above	Same As Above
Same As Above	Same As Above	P037 U013	0.5 0.5			X X	Same As Above	Same As Above
General Electric Co. Electronics Park Liverpool, N.Y. Thermal Destruction	Waste Lacquer Waste Oil	F005 D001	72 6			X X	1981	General Electric Co. Electronics Park Liverpool, N.Y.
SCA Chemical Services, Inc. 1550 Balmer Rd. Model City, N.Y.	Pretreatment Plant Sludge	D008	102		X		1981	Niagara Sanitation Co. P.O. Box 9 Kenmore, N.Y. 14217

NAME	ICS NUMBER - EPA ID NUMBER	
General Electric Co.	NYD059385120	
ADDRESS Electronics Park		
CITY Liverpool	STATE N.Y.	ZIP 13088

GENERATOR FORM

PART - II

G

DATE 8/29/84

1 HAZARDOUS WASTE DISPOSAL SITE (SEE INSTRUCTIONS)	2 DESCRIPTION OF HAZARDOUS WASTES DEPOSITED AT THIS LOCATION (SEE INSTRUCTIONS)	3. EPA WASTE CODE	4. WASTE DISPOSED OF QUANTITY OF WASTE (TONS)	FORM LIQUID	FORM SOLID	FORM DRUMS	5. WASTE DISPOSAL DATES	6. TRANSPORTER OF HAZARDOUS WASTE (SEE INSTRUCTIONS)
Chemical Distributors 524 Howard Street Buffalo, N.Y.	Waste Oils, Solvents, Paints, Lacquers, & Industrial Cleaners	D001 F001 F002 F003 F005	70 (No Breakdown Available)			X	1973 thru 1978	Chemical Distrib. 524 Howard St. Buffalo, N.Y.

EXHIBIT E

GE Aerospace

Government Electronic Systems Division
General Electric Company
P.O. Box 4840, Syracuse, NY 13221-4840
315 456-3311

February 10, 1989

Melissa Marshall, Esq.
Enviornmental Enforcement Division
United States Department of Justice
Box 7611
Ben Franklin Station
Washington, D.C. 20044

Re: U.S. vs Pierce et al
Civil Action 83 CIV 1623

Dear Ms. Marshall:

Per our telephone conversation this letter is intended to summarize General Electric's position with regard to the Moira waste oil site. Basically it is GE's position that Electronics Park could not have been the source of the Moira oil wastes which your investigation to date has attributed to it. Based upon the enclosed information we believe we should be included among the de minimus contributors. You have indicated that you would take into consideration whatever information was submitted.

As you know, in your responses to General Electric's interrogatories you provided affidavits of Pierce drivers John Martin, Charles Wasson and Leland Nickerson. The relevant statements of these drivers as they relate to General Electric are as follows:

John Martin: "4. On two occasions in 1964, I picked up 300 to 400 gallons of oil from an underground storage tank located at the General Electric plant in Liverpool, New York. The underground storage tank was located in a truck garage and I believe that the oil came from tow motors. This oil was taken to the Pierce Brothers Oil Service storage facility in Central Square, New York."

Charles Wasson: "4. As a truck driver for the Pierce company, I also picked up approcimately 2000 gallons of oil from General Electric in Pittsfield, Massachusetts, on two or three separate occasions. This oil was delivered to Castleton, New York.

"5. In about 1957, I picked up approximately 50,000 gallons of liquids from General Electric in Liverpool, New York, which I later learned were a mixture of oils, acetones and other chemicals. I pumped these liquids out of 55 gallons barrels located in a large field. Of the 50,000 gallons, 12,000 gallons were sent to Moira to be washed; these liquids shut down the plant for three weeks. The remaining 38,000 gallons of liquid were sold to an independent contractor from Central Square, New York."

Leland Nickerson: "2b. General Electric, Liverpool, New York. One-thousand to 1,500 gallons of mixed oils were removed once a month. This oil was delivered to the Central Square storage facility.

General Electric was only recently contacted with regard to the York oil site in Moira. Since that time we have been attempting to assemble information to respond to the contentions made in the affidavits of these three drivers. We understand that there are no records of Pierce oil with regard to either the Moira site or the Central Square site to support these drivers' statements. As I advised you earlier, a search of our records has not disclosed that General Electric at Electronics Park did business with Pierce Oil or any of its associated operations.

In your letter of July 19, 1988 to all counsel, you identified General Electric's purported involvement with the York Oil Site as follows:

"General Electric Company

"Driver No. 1 removed from the GE plant in Liverpool, New York 1,000 to 1,500 gallons of mixed waste oils (and possible other liquids) once a month, from 1950 to 1960 or 1961. This waste was delivered to the Peirce storage facility in Central Squqare. He stated that GE would only allow him in to remove the oil when the company had more waste oil than it could handle itself. A special pass was needed to enter the plant.

"On two occasions in 1964, Driver No. 2 removed 300 to 400 gallons of oil from an underground storage tank at the GE plant in Liverpool. The tank was located in a truck garage and Driver No. 2 believes that the oil came from tow motors. This oil was delivered to the Central Square facility.

"Around 1957, Driver No. 3 picked up approximately 50,000 gallons of liquids from the GE plant in Liverpool, which he later learned were a mixture of oils, acetones, and other chemicals. He pumped these liquids out of 55-gallon barrels located in a large field. Of the 50,000 gallons, he sent 12,000 gallons to the Moira site to be washed. He was told by the man who ran the washing operation at the Moira site that these liquids loosened the sludge, plugged up openings in the equipment, and shut down the washing operation for three weeks.

"Driver No. 3 also picked up approximately 2,000 gallons of waste oil from a GE plant in Pittsfield, Massachusetts on two or three occasions between 1953 and 1957. This oil was delivered to a Peirce storage facility in Castleton, New York; from Castleton, oil was taken eithr to the Moira site or to Waltham, Massachusetts."

From these statements, you assert GE's involvement to be 132,300 to 192,400 gallons. (I assume you mean only one-fourth of these numbers since you state that these quantities went to Central Square and you assert that about one-fourth of what went to Central Square went to Moira.)

I have made an effort to investigate General Electric's handling of waste oils and other liquid hazardous waste materials during the time frame 1950 to 1961 in response to your position. This is the time frame when it is contended that these vast quantities of waste oils are alleged to have been pumped from barrels at Electronics Park and taken to Central Square. Our investigation involved interviews with General Electric retirees who would have been employed in various capacities during this time frame, would be aware of the Company's oil and other chemical use, as well as the manner of handling of waste oils and other liquid hazardous wastes.

General Electric's Electronics Park in Syracuse was constructed in the late 1940's on a 22 acre parcel of land in Liverpool, New York for the manufacture and assembly of various electronic devices. During the period in question, 1950 through 1961, General Electric assembled black and white television sets in what is called Building 5, black and white television picture tubes in Building 6 and various other electronic products in Building 7 such as radio transmitters, television cameras and radar transmitters.

I am enclosing statements taken from various former employees associated with the Park's operations in these three manufacturing facilities as well as individuals responsible for handling and monitoring the overall use of oils and other chemicals at the Park. These include a statement from Bill Doane

who was responsible for the Company's power plant at Electronics Park along with related facilities matters, reporting directly to the Chief Engineer responsible for all facilities matters at the Park. You will note from his statement that basically the only waste oil generated at Electronics Park was generated at the garage servicing the operations' automobiles and trucks. This waste oil went into an underground tank adjacent to the garage through a connecting pipe. This oil was either pumped out of the tank and burned in the boilers at the Park or was pumped out and taken by a company named Sietz Oil that re-refined waste oil in Syracuse. He estimates the total generation of waste oil at the Park during this period of time to be about 1000 to 1500 gallons per year. Other waste oil from production operations would not have amounted to an additional 10 or 12 gallons a year, and would have gone into the garage storage tank as well. Mr. Doane's statement in this regard is coroborated by the enclosed statements of Charles Hines, a truck driver, and Oliver White, Environmental and Industrial Hygiene Manager. (There are numerous others who would also confirm this.)

When I learned of these comparatively low levels of waste oil generated at the Park during these years and, the fact that it was either burned in our boilers or picked up by a company in Syracuse, I spoke to Leland Nickerson who was reported in your letter of July 19, 1988, to have picked up 1000 to 1500 gallons of waste oils once a month for the eleven-year period.

A summary of my conversation with Mr. Nickerson is enclosed. You will note that he told me that he had been to Electronics Park only from three to five times in total. This was sometime in the late 50's pumping drums containing oily material (but not necessarily waste oil). He stated that this was prior to the time that he became manager at Central Square and thus, according to his statement, prior to the time that Moira was in operation. This conforms to the information in the Record of Decision indicating that Moira "was used as a waste oil recycling facility from approximately 1964 to 1977". Thus even if he did pump waste oil or oily waste three to five times at Electronics Park (which we dispute), he has indicated it would not have gone to Moira at that time.

We note that Mr. Martin claims to have pumped 300 to 400 gallons of oil from an underground storage tank in 1964 on two occasions. It is possible that in an isolated incident such as this the tank was pumped by Mr. Martin rather than by Sietz. We have not had the opportunity to question Mr. Martin in order to be able to comment further. Mr. Nickerson, in one of his earlier statements, indicated that Pierce Oil only got oil at GE when GE's other arrangements did not handle it.

Mr. Wasson's statement asserts that in about 1957 he picked up 50,000 gallons of liquids from General Electric, Liverpool which were a mixture of oils, acetones and other chemicals which he pumped out of 55 gallon barrels located in a large field and that 12,000 gallons were sent to Moira. In light of Mr. Wasson's statement, we made an investigation of the nature of the manufacturing processes at the Park during 1950 through 1961 and the types of liquid wastes that would have been generated. Statements of various individuals associated with these manufacturing processes are enclosed. In sum these statements confirm that all of these operations would not have generated more than 10 to 12 drums of liquid waste chemical in a year's time. In my conversation with Charles Wasson, he told me that he was confident of the 1957 date and that he picked up the 50,000 gallons at one time. This would mean that he was dealing with a field of approximately 1000 barrels. As these statements indicate, innumerable former employees will confirm that this did not and could not have happened.

From the information provided by these former employees, clearly Mr. Wasson's statement can not be relied upon. General Electric's operations in Syracuse did not generate anywhere near this level of wastes in 1957. While he states that somehow he knows that 12,000 gallons of this material was shipped to Moira "shuting down the plant", we note further from the ROD, that Moira was not even in the recycling business until 1964. With Charles Wasson a truck driver for Pierce Oil from 1953 to 1957, and manager of Central Square until 1959, and Moira not recycling until 1964, Mr. Wasson's claims with regard to General Electric are obviously not correct.

We understand that the Government is entertaining settlements on a de minimus basis with some of the other companies who have recently been brought into this matter. Based upon the information that we have assembled (which we are confident we can support with statements of many other former employees as well), the only information in the three Pierce driver statements that would suggest a possible General Electric involvement with Moira would deal with the 600 to 800 gallons that Mr. Martin claims to have picked up in 1964 and taken to Central Square. (I assume you would say one-fourth of it got to Moira.) In light of this, in our judgment the circumstances warrant our inclusion in those parties settling on a de minimus basis.

I would appreciate the opportunity of meeting with you as soon as possible to review the information enclosed. Thank you for your consideration.

Very truly yours,

Dale McAllister

Dale McAllister. Counsel

DM:cp
Enc.

Statement of Bill Doane (Chief of the Power Plant)

My name is Bill Doane. I live at FOIA EX. 6 FOIA EX. 6 My telephone No. FOIA EX. 6 . I was employed by General Electric from June of 1942 until May of 1975. I started at Thompson Road in the Power Plant until I moved to Electronics Park while it was being constructed in 1947. I am a high school graduate, I am not a graduate engineer, but have taken extension courses in engineering.

In 1950 to 1970 I was Chief of the Power Plant, and was responsible for all central utilities steam and electric.

Thus, during this entire period, I was responsible for all of the boilers that burned oil at Electronics Park. Any waste oil generated in the boiler house by the air compressors there and any waste oil generated by refrigeration compressors at the park which were there was burned in the boilers during this period.

During this time, I reported to the Chief Engineer (now deceased) who was responsible for all utility matters at Electronics Park. Being part of the utilities organization, I was familiar with the garage operation that maintained all of General Electric's vehicles. The garage operation deposited its waste oil in a waste oil storage tank which, I believe, was a 1000 gallon underground tank. During the entire period 1950 - 1965, this is how waste oil was collected at Electronics Park.

All of the vehicles were serviced at Electronics Park so all of this waste oil went into the underground storage tank. None of the waste oil was stored in barrels over this period of time. Obviously, there would be no reason to put it in barrels when the line was there to take it from the garage directly to the storage tank. Most of this waste oil I burned in the boilers. However, General Electric also had a contract with a company located on North State Street and Hiawatha Boulevard in Syracuse who picked up waste oil throughout the Syracuse area and re-refined it. The company, Sietz Oil then sold the re-refined oil through various outlets. What we didn't burn they picked up by pumping it from the underground tank. I am quite sure that these arrangements with this re-refining company were carried out from almost the opening of Electronics Park until about 1965 when the re-refining company had a serious fire and an explosion and, I believe, went out of business.

The only additional waste oil generated at Electronics Park by the utilities operation would have been a very small amount of waste oil from refrigeration or air conditioning equipment. I would estimate during this period maybe 10 or 12 gallons a year and this would be turned over to the garage to go into the storage tank.

During this period of time at the Park, television sets were being assembled, picture tubes were being made after 1950 or 1952. We made television antennas. We made television cameras and toy phonograph equipment. None of these

manufacturing and assembly operations generated waste oil. Therefore, at the most, we would have been generating perhaps 1000 to 1500 gallons of waste oil per year from our vehicles and other utility equipment. During this period, 1950 through 1965, I am unaware of any waste transformer oil to dispose of at the Park since any of this oil was filtered in house and reused. In my position in the utilities organization this kind of information would have been brought to my attention.

There was little or no liquid chemical waste generated at the Park in the 50's. I am aware that waste chemicals were stored in an area in back of Building 12 in the early 60's. There were perhaps 15 or 20 barrels stored there at a time. Probably a couple times a year someone would come in and pump out these barrels. Prior to 1960 this area was used to test antennas and there was no other specific area at the Park where liquid chemical wastes were collected or stored in any quantity. I know that there was no storage in the Vine Street area during the 50's because the incinerator was located in this area and I was in charge of incinerator maintenance. This assignment brought me to the area weekly. In addition I was responsible for the automatic hydraulic lifts used in conjunction with the antenna testing. I

am advised that a Pierce Oil driver claims to have picked up 50,000 gallons of liquid waste material in 1957 at the Park, pumping it from 55 gallon drums. I state categorically that this could not have happened.

I have read the foregoing statement and it is true to the best of my knowledge and belief.

Feb. 13th 1989
Date

Bill Doane
Bill Doane

Statement of Oliver White

My name is Oliver White and I came to work for General Electric, Electronics Park, Syracuse, N. Y. in the Fall of 1952. Initially I was a materials handler in the Television Department while attending Syracuse University for a Doctorate Degree. Approximately 1954 I transferred to the Electronics Laboratory in the Park where I became a metallurgical assistant. I examined metallurgical samples, using normal metallurgical microscopic equipment. In 1955 I became a specialist organic chemist at the Electronics Laboratory and as a result assumed responsibility of industrial hygiene environmental control and toxological aspects of chemicals used by the entire Syracuse operations at Electronics Park. In this capacity from 1955 on, it was my responsibility to develop control programs identifying chemical hazards and insure employee protection from chemicals normally used at the Electronics Park facility. In this capacity it was necessary for me to be familiar with all of the various manufacturing processes at the Park, to be aware of all of the chemicals that were utilized in these processes and be familiar with the various types of chemical wastes that these processes generated. Thus, I was also familiar with the various products that were being made at the Park and had a general knowledge of the chemicals used and the type of liquid waste generated.

commonly used for the vehicles that the Company owned which would include a number of passenger cars as well as transport trucks. These vehicles were serviced at the garage located in what is called Building 9. There was an underground storage tank adjacent to Building 9 where waste oils from the garage activity were put, and it was my understanding a pipe went directly from the garage to this tank. Occasionally this tank was pumped and the residual oil was burned in combination in our own boilers. I believe that this oil was from time to time also pumped by an oil re-refining company located on Hiawatha Boulevard in Syracuse. This handling of the oil was for energy recovery and it was utilized, to my knowledge, up through 1962 and thereafter.

From its establishment Electronics Park has been used exclusively for manufacture and assembly of various electronic components and devices. These activities have been conducted in Buildings 5, 6 and 7, with other buildings being essentially support buildings. From 1950 through the early 60's black and white television receivers were assembled in Building 5. In building 6 black and white picture tubes were made for television receivers, and in building 7 assembly and production of military transmitters and other electronics gear was conducted. None of these manufacturing and assembly buildings utilized any degree of oil for their manufacture and assembly processes. For example, in the case of Building 5, the only oil that would have been used was for keeping the machinery in efficient working order.

Because manufacturing processes at Building 6, Electronics Park during the 50's and early 60's were principally directed to the production of Black and White (B & W) television tubes to be used by Building 5, only very small amounts of oil were used in machine lubrication or vacuum pump maintenance. Such oils were carefully controlled and segregated to avoid contaminating tubes in production. In addition small amounts of various solvents, for example acetone or chlorinated solvents, were used as cleaners. The processes were such that the solvents normally evaporated in use and hence such solvent evaporative loss prevented the generation of any significant amounts of waste solvent.

As stated, during the 50's and early 60's Building 7, Electronics Park housed both military and commercial electronic assembly and test. A small machine shop and press operation supported this electronic assembly operation through the production of metal parts used in the assembly and finish of the electronic devices. The principal user of oils and solvents at Building 7, Electronics Park was this machine shop, where oil was used for cutting metal parts and lubrication of machine tools located in this shop. Oil spills from lubrication accidents or equipment leaks were absorbed on a granular inert absorbent material and disposed as solid waste that met disposable requirements at the time. Little or no oil waste

resulted from this operation. Solvent use for cleaning was minimal in Building 7 as most metal parts were cleaned by acid and detergent cleaning in a dip tank cleaning room located in the southwest corner of Building 7.

While trichloroethylene was used in Building 7 as a heat transfer fluid in refrigeration for environmental test chambers during environmental chamber use trichloroethylene was lost through evaporation, and no waste resulted.

In 1955 when I began monitoring the Park's chemical use and waste stream each of the generating components was responsible for the disposal of its wastes and kept them in or adjacent to their own building. In the late 50's this responsibility was centralized under the Building 9 facility, and a controlled waste storage area was put together to the rear in the Northwest quadrant of the property. This area was about 30 by 100 feet with a snow fence on three sides. The drums were stacked on skids. Until the early 60's only a relatively small number of barrels of chemical wastes was generated at the Park, maybe ten or fifteen barrels of liquid wastes at the most a year. During that period of time, no more than 10 or 15 barrels were accummulated at any time at the back of the Park and this included both liquid and solid chemical wastes.

At no time did we use any chemicals that contained PCB's other than inthe capacitors or transformers used for power.

It has been brought to my attention that a former driver from Pierce Oil claims that in 1957 he pumped 50,000 gallons of wast oils and other chemical wastes from a field of barrels at Electronics Park. This is saying there were one thousand barrels there. I can categorically state that this did not happen at Electronics Park.

I have read the foregoing statement and it is true to the best of my knowledge and belief.

1/31/89

Date

Oliver White

Statement of Dale Mcallister

My name is Dale McAllister. I am a Counsel for General Electric Company, Electronics Park, Syracuse, New York. On December 28, 1988, I had a telephone conversation with Lee Nickerson to discuss with him an affidavit that he had made and signed on May 21, 1988. He had a copy of the affidavit at the time that we had the conversation. I told him that Melissa Marshall had advised General Electric that it was her interpretation from the statement, in particular paragraph 2B stating "At General Electric, Liverpool, New York 1000 to 1500 gallons of mixed oils were removed once a month. This oil was delivered to the Central Square storage facility." that he picked up 1000 to 1500 gallons of waste oils each month from 1950 through 1961 and delivered them to Central Square and that approximately one-quarter of such materials would have gone to Moira. Mr. Nickerson said that this interpretation of the statement was not correct.

He stated that he personally came to General Electric at Electronics Park approximately three to five times in total. He said he got waste materials but not necessarily waste oils. He would have gone to General Electric in the late 50's. He stated that nothing went to Moira from CentralSquare until after he got to Central Square in the

early 60's. The material that was picked up was in drums and was pumped out of the drums. He did not pump out of the underground tank. He lived in Albany in the 50's as well as in Nedrow for a time. There would be holding tanks in the 50's that the material would go to all over. In Central Square, material would all be dumped in together. The only other driver that he could name was Martin. He said he was familiar with the fact that a company by the name of Sietes picked up waste oil in the Syracuse area and that GE had its own arrangements, he thought, with Sietes and that he or other Pierce drivers would pick up waste oil only if these other arrangements couldn't handle it. He stated that he intended to call Melissa Marshall and tell her that the interpretation of his statement which she had made was not correct.

Feb-10, 1982

Date

Dale McAllister

STATEMENT OF LOUIS ALTERI
(BLDG. 5 - MANUFACTURING 1950-1962)

I, Louis Alteri, was employed by General Electric from 1948 to 1986. During this period I held various supervisory and managerial assignments in the Television Receiver Department (TVR), where we manufactured television sets (Building 5).

During my employment in TVR I was given responsibilities that exposed me to all production work centers, from sub-assembly, component manufacture, receiver assembly, test and final cabinet assembly. Being familiar with the processes, materials and equipment used to manufacture TV sets during the 1950's, I was asked to what extent did we use oils and other chemicals in our manufacturing process.

To have an appreciation of how TV sets were produced in the fifties, our factory area was separated into two major sections -- components and assembly. Component Manufacturing produced small TV parts: coils, transformers, metal parts, speakers and wire assemblies. The Assembly section used all component parts made in-house, plus a large variety of purchased parts. These parts were assembled into TV chassis, cabinets, tested, boxed and shipped.

To answer the question of oil and chemical use, I recall we had a punch press operation in the Component part of our factory that used a small quantity of light oil to lubricate steel as it passed through the stamping dies. This oil eventually was washed off with acids and cleaners during the plating operation. To my knowledge, there was no oil waste or residue from this process. Lubricating oils were also used on many of the moving parts of the five punch presses in use at that time.

Throughout the factory, maintenance personnel would lubricate all our machines and other equipment such as compressors, hydraulic pumps, winding machines, conveyors, etc. on a preventative maintenance schedule. The only oil waste this procedure generated was when a machine or pump leaked oil. The oil was removed by using Speedi-dry compounds until maintenance personnel could fix the leak. Amounts of oil residue because of leaks was minimal.

None of our production equipment or processes used PCB's. To my knowledge, the use of PCB oils did not exist. We had electrical generating equipment, e.g. transformers and capacitors that may have contained PCB oils, but these were sealed units which caused us no problems. I don't ever recall a leak developing from this equipment.

The television manufacturing process was considered light, clean assembly, with the use of small electrical components and wires. Our process did not require use of oils other than what I mentioned above.

Pertaining to the use of chemicals, the Assembly Section of TVR used very little. Its task was to assemble various parts, therefore they used very small quantities of alcohol to clean parts, or a minimal use of glues.

The Component Section did use a variety of chemicals -- alcohol, acetone, trichlorethylene and 1.1 trichloroethane. These solvents were used as cleaners, thinners for glues, or the most popular use being a varnish or lacquer softener during the winding process of coils. We purchased magnet wire with a coating of lacquer or varnish as an insulator. During the winding cycle, the wire would run through an alcohol or acetone bath. The lacquer or varnish would soften initially while the coil was being wound, and then dry as a glue. We had a large number of these operations, but there was <u>never</u> any waste generated because of the evaporation and hardening process.

Trichlorethylene was used as a degreaser for certain metal parts. Again, there was very little waste because we had our own still which cleaned and recycled the chemical

for future use. We would replenish our supply because of evaporation and the remainder being washed off during a final rinse cycle.

In summary, as I have stated throughout my Statement, yes we used oils in small quantities but in no operation which could possibly create wastes.

A variety of chemicals were used in our Component Section -- as cleaners, thinners, glues, but our process as explained above, never did generate liquid waste materials in any large quantities.

I would say that all through the fifties and early sixties Building 5 did not generate more than a couple barrels of liquid chemical waste in total per month, if any at all.

THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF

2/10/89
Date

Louis Alteri
LOUIS ALTERI

1/31/89
/r

Statement of Charles Hines (Truck Driver)

My name is Charles Hines. Iwas employed by General Electric as a truck driver in about 1953 and I am presently still employed by General Electric in Building 9 in the Park.

As a truckdriver, I am familiar with how waste oil was handled over the period of 1953 to the 60's. Our waste oil was generated from General Electric trucks and cars which were serviced by the garage at the Park. This waste oil was either burned at the boiler house at the Park or was stored in an underground tank and then drawn out by Sietes Oil located on Hiawatha Boulevard in Syracuse. During the 50's and early 60's, I have no recollection of a staging area for liquid waste materials being located near Vine Street.

I have read the foregoing statement and it is true to the best of my knowledge and belief.

Feb. 13, 1989

Date

Charles R. Hines

Charles Hines

FRANK GRANDE/GENERAL FOREMAN-BUILDING 5 1948-1971

Mr. Grande was a supervisor of many of the assembly operations in the television business throughout the period. Where did you use oils in the manufacturing process in TVR during 1950-1961?

The only place I can think of where we used oils was in Maintenance, and that was for lubricating machines and equipment. Plastics used oil in the presses, but we started plastics around the early sixties not in the fifties.

How about solvents and other chemicals used in the TV manufacture?

We used some acetone, alcohols, tri-chlor in a variety of ways in the 29-50-62 period. Acetone was used in small quantities to clean coils, yokes and sweep assemblies. Lots of alcohol was used when we wound coils, but there was no waste. Alcohol would soften the lacquer on the wire, alcohol would evaporate and coil windings were glued together. Tri-chlor was used as a degreaser for metal parts, I don't recall if there was any liquid waste coming from that operation because of the still that we had.

We had 5 gal. containers we would store in the factory areas -- a 5 gallon container would last us a couple of days.

THE FOREGOING STATEMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

FEB 13, 1989
Date

Frank R. Grande
FRANK GRANDE

Statement of Mitch Pyndus

Manager Facilities, Building 5

I, Mitch Pyndus, was Manager of Facilities for Building 5, the Television Operation at Electronics Park in Syracuse for General Electric from 1950 to 1971. In that capacity I was responsible for all facilities maintenance and all production equipment maintenance for General Electric's Television Operation at the Park. In this position I was familiar with all oil and other chemical use in connection with the manufacture of television sets. The only place we used oils was for lubricating processes. Essentially, we only generated at the most in Building 5, one 55-gallon drum of waste oil a year during this period. We also used acetone, alcohol, trichloroethylene. Essentially our processes did not generate liquid wastes of these materials. We reclaimed the trichloroethylene. I would say that we would not have generated more than one or two 55-gallon drums of liquid chemical waste during a year's time.

The foregoing is true to the best of my knowledge and belief.

2/13/89
Date

Mitchell Pyndus
Mitch Pyndus

Statement of Domonick Barletta, Building 6

My name is Domonick Barletta. I came to work for General Electric in 1949 in the Television Department in Building 5. In 1950 I transferred to the Tube Department in EP 6 as a fork lift truck driver.I worked in that capacity for a year or two and then went into the stockroom in EP 6. I have worked in EP 6 since 1950 in various capacities, including the following: Specialist-Facilities, Material Control Specialist, and Production Control in Facilities.

In these various assignments from 1950 until 1965 and thereafter, I was familiar with all of the manufacturing activities which were carried out in EP 6. In approximately 1950, the building began being used for the manufacture of black and white picture tubes. The only activity in connection with the manufacture of picture tubes that generated waste oil was the exhaust buggies. It was a unit on which you placed the tube and it brought the tube down to the vacuum. There was a pump involved in the process which contained oil. The only waste oil that would be generated by this process was approximately six barrels in total per year. This waste oil was turned over to building 9. This waste oil was separately collected in the area of the buggies and when a 55 gallon drum was filled it was then taken to the back dock and people from EP 9 picked it up.

I know that there was a waste oil underground storage tank that was part of the garage and I assume that this waste oil

just went into that tank along with the other waste oil that was generated at the garage. During this period of time, from 1950 through 1965, this was the only waste oil which was generated by the operations in EP 6.

I have read the foregoing statement and it is true to the best of my knowledge and belief.

2/13/89

Date

Domonick Barletta

Domonick Barletta

EXHIBIT F

GE Aerospace

Government Electronic Systems Division
General Electric Company
P.O. Box 4840, Syracuse, NY 13221-4840
315 456-3311

March 31, 1989

Called Melissa June 11 to see if any word on our situation. She said she had been involved in another case & had not been able to focus on this one. She said there was another deposition in same situation. She will be getting in touch with us she said. I said I'm check in couple week DM

Melissa Marshall, Esquire
Environmental Enforcement Division
United States Department of Justice
Box 7611 - Ben Franklin Station
Washington, DC 200944

Re: US vs Pierce et al
Civil Action 83 CIV 1623

Dear Ms. Marshall:

As you know, in my letter of February 10, 1989, I enclosed various statements from present and former General Electric employees confirming that only low levels of waste oil and other hazardous liquids were generated at Electronics Park during the time frame of the 1950's and early 60's. It is our position that the bare statements of the three drivers claiming to have picked up large quantities of waste oil and other waste liquids at Electronics Park during the 50's and early 60's cannot be relied upon. There are, of course, no records to indicate that GE ever did business with Pierce Oil or its representatives.

I am enclosing two additional statements from individuals who had worked in Building 6 at the Park over a long period. Building 6 has been one of the three manufacturing buildings at the Park. Both individuals are familiar with the generation of waste oil in Building 6 during this time frame.

You will note that each indicates that only from 6 to 12 barrels of waste oil would have been generated in Building 6. This waste oil was turned over to Central Maintenance in Building 9. As you may recall, other individuals have stated that Building 9 either burned the waste oil in the Electronics Park boilers or turned it over to an oil refining company located in Syracuse.

These statements are in line with the earlier information provided indicating that only modest quantities of waste oil and other liquid wastes were generated at the Park during the time frame alluded to by the three drivers.

We continue to feel that in the circumstances, General Electric should appropriately be looked upon as a de minimus contributor to the Moira site.

Very truly yours,

Dale McAllister, Counsel

Enclosures

/r

cc: RO Quimby

GENERAL ELECTRIC

CATHODE RAY TUBE OPERATION
GENERAL ELECTRIC COMPANY • ELECTRONICS PARK • SYRACUSE, NEW YORK 13221

Statement of John H. Affleck III

My name is John Affleck. I live at FOIA EX. 6 FOIA EX. 6, I was employed by the General Electric Co. from September 1955 to January 1987. I started out in Schenectady, N.Y. in the Power Tube Department, transferring to the Semiconductor Products Department in Syracuse, N.Y. in 1966 and then to Television Tube Department, Bldg. 6, in 1971. I hold a BS and MA degree in physics.

In the Television Tube Department, Bldg. 6, I was the Manager of Materials and Reliability Engineering from 1971 to July 1986. In that capacity I was responsible for establishing the exhaust processes for the TV tubes manufactured. As a result I was very familiar with the exhaust equipment that was utilised. While I was so employed the Tube Deptartment manufactured color television tubes. The conversion to color from black and white occurred about 1962. One of the four exhaust machines that was utilized for color manufacture was a machine that was converted from black and white. This machine was similar to the three other machines that had been used for black and white tube manufacture during the period 1950 to 1962. There is a attached the specification for maintenance of the vacuum equipment. You will note that in Section D1 it identifies the quantity of oil required to service the mechanical pump. There were 112 pumps on the black and white machine that was converted to color. There were three other such machines used to manufacture the black and white tubes and maintenance procedures were to replace the oil in the pumps twice a year. Therefore, the total maximum oil usage for the mechanical exhaust equipment per year would be 112 x 4 x 2 x 2.2 x .26418 or 520.75 gallons. This usage would generate a maximum of 9.46 55 gallon drums of waste oil per year. This was the only equipment in Bldg 6 generating any quantity of waste oil. While there was a limited amount of oil used in the diffusion pumps on the exhaust equipment this oil was a Dow Corning 704 oil which was extremely expensive and so was reclaimed and reused. Thus Bldg 6 would have generated no more than 10 barrels of waste oil in a year. This waste oil was turned over to Bldg 9 for their further handling. It is my understanding that it was put with the waste oil generated by the garage and either burned in the Electronics Park boiler or picked up by a local Syracuse oil refiner.

The foregoing statement is true to the best of my knowledge and belief.

John H. Affleck III

March 2, 1989

AN EQUAL OPPORTUNITY EMPLOYER

SCOPE: This Instruction covers the maintenance of aluminizing buggies.

REFERENCE: Not applicable.

INSTRUCTIONS

1. Check the buggy service card to see why the buggy is pulled out of the production.

2. Check the buggy maintenance card to see whether buggy has received an "A" job in the past 4 weeks. If not, an "A" job is to be performed.

3. If buggy has had "A" schedule within the last 4 weeks, check electrical connection and perform vacuum check.

SCHEDULE "A"

(A) Disassembly

1. Disassemble and remove funnel. Discard "O" ring.

2. Disconnect filament leads, Vacustat, foreline, water line and heater connection.

3. Disassemble and remove air bleed assembly, electrode assembly, wedge, coil and butterfly valve. Change Koby filter every 6 months or when necessary.

4. Disconnect the diffusion pump. Remove "O" ring and discard.

Unscrew the top cap. The different sections of the jet assembly may now be lifted out. Remove splash baffle. Remove fill and drain plugs. Save DC-702 oil.

5. Remove heater for inspection. Check for corrosion and contact with pump. Clean or replace if necessary.

6. Remove oil separator. Check and replace filter if necessary.

(B) Cleaning

1. Clean diffusion pump body, adaptor, jets, etc., in trichloroethylene to remove silicone oil.

2. Vapor blast inside of pump body, jets, adaptor, cone (funnel), butterfly valve, wedge, electrode assembly and bleed tube with fittings.

3. Rinse all parts thoroughly first with hot water and then cold water. Air dry and inspect jets for dents and spacing. Repair if necessary and clean the jets aga

4. Bake all vapor blasted parts in oven at 230°F. for at least 30 minutes. Remove and allow to cool.

5. Do not vapor blast coil and teflon seals. These should be wiped clean. Inspect teflon seals for cuts and replace if necessary.

6. Clean gaskets with Chlorethane (Trichloroethane 1, 1, 1).

7. Blow clean Dollinger filter element with high pressure air.

8. Wipe clean inside and outside of oil separator. Check filter and change if necessary.

9. Clean all exterior surface of the buggy to remove grease and dirt.

(C) Reassembly

1. Replace clean adaptor on buggy.

2. Reassembly following parts of the diffusion pump:

   a. Heater
   b. Drain and fill plugs
   c. Splash guard and jet assembly

3. Clean pump flange with clean cloth. Install new "O" ring, using care to seat properly. Coat "O" ring with silicone oil. Assemble pump to adaptor.

4. Reconnect water line, heater plug, quench solenoid plug, copper foreline, Vacustat, etc.

5. Reinstall oil separator.

6. Reassemble butterfly valve assembly, air bleed system. electrode assembly, coil, test plug, filament leads. Seal bleed system connections with Glyptal. Take care not to scratch the electrode or damage compression rings while assembling.

7. Reconnect bleed solenoid plug.

8. Wipe adaptor top flange clean - install new "O" ring coated with silicone oil.

9. Mount and bolt clean funnel to buggy.

10. Replace gaskets and blocks on funnel.

11. Pour 300 cc of silicone oil DC-702 into the pump.

(D) Welch Pump

1. To change oil, disconnect the pump from the system. Warm the oil by operating the pump with the intake closed, for approximately 15 minutes. Stop the pump and remove the oil drain cap. Most of the oil will drain out freely. USE CAUTION - OIL WILL BE HOT! The small residue remaining in the pump can be forced out by turning the pump pulley by hand, with the exhaust port closed and intake open. The oil will spurt out suddently and should be deflected into the drain pan. EXTENSIVE OPERATION WITH THE EXHAUST PORT SEALED SHOULD BE AVOIDED, AS EXCESSIVE INTERNAL PRESSURE MAY LOOSEN THE SHAFT SEAL.

After removing all oil, close the drain and pour 3 or 4 ounces of clean oil into the intake port. Open exhaust port and run pump for a short period to completely circulate the new oil. Drain the flushing oil and force out residue, as above. Repeat flushing with new oil until flushing oil remains clean and free of color and foreign matter.

WARNING - Do not use solvents or light flushing oils. Their complete removal is difficult and their high vapor pressures will prevent the attainment of high vacuum.

After the pump is completely flushed, refill by pouring new oil into the exhaust port. Fill to proper level indicated on the sight glass (2200 cc). Use Socony Vacuum Pump oil.

2. Check, clean and adjust V-belt and pulley. A firm downward pressure at the middle of the belt span should cause a deflection of 1/2" to 3/4" when the tension is correct. Periodically, check the set screws on the pulleys and tighten if necessary.

(E) Electrical

I. Visually check the following:

1. Filament electrode assembly and circuit for loose connections.

2. 24V butterfly valve solenoid, connections and transformer.

3. Heater plug - male and female end.

4. Switches for mechanical actuation.

5. Connections on the Vacustat.

6. Switch and connections on junction box.

7. Motor magnetic starter - remove cover and check all wires and mechanical parts on relay.

8. Control transformer - mechanical - electrical connectors, 6 amp. fuse and holder.

9. Water quench solenoid, cable, receptacle.

10. Air bleed solenoid, cable, receptacle.

11. Control relays, relay action, contacts and wire connections.

12. Main junction box. Check switch, terminal connections, 2 male plugs, feed in cable and connectors and condition of wires.

Every 3rd A job, dismantle all plug covers and check internal parts.

II. Electrical Tests

1. Connect ground strap to good metal ground on buggy. Insert filament heater assembly without aluminum slug. Place dummy panel on gasket. Hook up water and power.

2. Check butterfly valve - push down for simulation.

3. Engage power switch on the back of the buggy. Engage top limit switch. Engage Vacustat microswitch. If vacuum is good, vacuum switch should actuate between 30-40 seconds. Switch should be set to 15-20" Mercury (Vac.).

4. Check mechanical pump motor for noise, heat, vibration, etc.

5. Diffusion pump heater should draw between 5.7 and 6.1 amps. Run test for at least 10 minutes to identify thermostat problems.

6. The filament should draw about 60 amps. at 4 volts.

7. Check quench and bleed solenoids for hum or vibration.

Test Procedure

1. Water flow through the pump cooling coil should be 1/4 gpm.

2. Run the buggy cold (with diffusion pump heater off) for 1/2 hour. If the buggy is good, the vacuum should read 15 micron using thermocouple gauge tube 865186OG5 and gauge control 5797633G1.

3. If the buggy passes the above test, proceed to check with Veeco gauge.

Test Procedure (cont'd)

4. Install "Veeco" RG-75 ionization gauge tube to vacuum system at the test opening in the adaptor.

5. Turn on mechanical pump and diffusion pump for minimum of 30 minutes to "purge and condition" system.

6. During last 20 minutes of "purge and conditioning" of system, turn on "I" gauge filament and degas to purge "I" gauge tube. It may be necessary to turn on filament several times until initial burst of gas from the tube has been pumped out.

Note: a. Use Veeco I gauge control - Mod RG830.
b. Set range scale at 10^{-3} position.

7. Five minutes before end of "purge and conditioning," turn "Off" - degas - pressure should rapidly drop to 5×10^{-4} mm (Torr) or less. Turn off I gauge.

8. If buggy passes, recycle as follows:

a. Cool diffusion pump - 1 ½ minutes
b. Quench - 1 ½ minutes
c. Turn off mechanical pump and open bleed valve.

9. As soon as system is down to air (usually 1 ½ minutes), start pump down test.

10. Use a timer to give an accurate indication of time. Start taking pressure readings two minutes after pumps have been turned on.

11. Record readings on back of card as follows:

Time	-	Press
2 min.		x10⁻
3 min.		x10⁻
4 min.		x10⁻
5 min.		x10⁻

Pressure should be 5×10^{-4} mm or less in 4 minutes.

My name is Robert F. Wiltse. I live at FOIA EX. 6 ,

FOIA EX. 6

I have been employed by General Electric since January 1956. At that time I went to work as a laborer and soon thereafter went into the vacuum maintenance facility in Building 6 where black and white picture tubes were manufactured. I remained as an employer in vacuum maintenance in Building 6 until the operations closed down in 1987. In working in the vacuum maintenance facility during this period of time I was aware of the various different types of manufacturing operations that were carried out in Building 6 and am able to state that the vacuum maintenance facility was the only operation in Building 6 where any significant amount of oils of any kind were used. In vacuum maintenance we were using mechanical oil pumps and diffusion oil pumps to produce a high vacuum for aluminizing and exhausting the picture tubes. Up until the early sixties when we began making color picture tubes the mechanical oil pumps in vacuum maintenance generated from 6 to 12 fifty-five gallons of waste oil over a year's time. This resulted from periodic servicing of the equipment. This waste oil was collected in a 55 gallon drum that we kept in the area. When the drum was full a Facilities Maintenance employee would take it away. It is my understanding that it was then turned over to Central Maintenance in Building 9. I have no personal information as to what happened to it after that.

The diffusion pumps used very small quantities of oil, roughly 55 gallons in total a year. The oil was a special silicon oil that was extremely expensive. Because of this there were special arrangements to reclaim this oil and so no waste oil as such was generated from the diffusion equipment.

Therefore as I, stated basically the only waste oil generated in Building 6 in a year when we were making black and white picture tubes (that is up to about 1962), was from 6 to 12 55 gallon drums annually.

I HAVE MADE THE FOREGOING STATEMENT AND IT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/9/89
Date

Robert F. Wiltse
ROBERT F. WILTSE

3/9/89
/r

EXHIBIT G

CleanHarbors

WASTE MATERIAL PROFILE SHEET RECERTIFICATION ADDENDUM

R50043
PROFILE NUMBER

A. GENERAL INFORMATION

GENERATOR General Electric Co.
(As will appear on manifest)

FACILITY ADDRESS ELECTRONICS PARK
SYRACUSE, NY 13221

TECHNICAL CONTACT

BILL TO: C.H.I.
(Customer)

CUSTOMER CONTACT LINDA KEMP

CUSTOMER PHONE 315-463-1349

GENERATOR U.S. EPA I.D.# NYD059381120

GENERATOR STATE I.D.#

GENERATORS COMMON NAME FOR WASTE WASTE LUBE OIL

PROCESS GENERATING WASTE Vehicle LUBE OIL + Gear LUBE OIL

☐ WASTE WATER ☒ NON-WASTE WATER (Total suspended solids >1% and total organic Carbon >1%)

EFFECTIVE 9/25/90 - LIST OF TOXIC CHARACTIC WASTES

[1] WASTE CODE #	CONTAMINATION	REGULATORY LEVEL (mg/L)	[4] CONCENTRATION (mg/l) BELOW	ABOVE	SPECIFIC IF KNOWN
D004	Arsenic	5.0	✓		
D005	Barium	100.0	✓		
D018	Benzene	0.5	✓		
D006	Cadmium	1.0	✓		
D019	Carbon tetrachloride	0.5	✓		
D020	Chlordane	0.03	✓		
D021	Chlorobenzene	100.0	✓		
D022	Chloroform	6.0	✓		
D007	Chromium	5.0	✓		
D023	o-Cresol	200.0[3]	✓		
D024	m-Cresol	200.0[3]	✓		
D025	p-Cresol	200.0[3]	✓		
D026	Cresol	200.0[3]	✓		
D016	2, 4-D	10.0	✓		
D027	1, 4-Dichlorobenzene	7.5	✓		
D028	1, 2-Dichloroethane	0.5	✓		
D029	1, 1-Dichloroethylene	0.7	✓		
D030	2, 4-Dinitrotoluene	0.03[2]	✓		
D012	Endrin	0.02	✓		
D013	Heptachlor (and it's hydroxide)	0.008	✓		
D032	Hexachlorobenzene	0.13[2]	✓		
D033	Hexachlorobutadiene	0.5	✓		
D034	Hexachloroethane	3.0	✓		
D008	Lead	5.0	✓		
D013	Lindane	0.4	✓		
D009	Mercury	0.2	✓		
D014	Methoxychlor	10.0	✓		
D035	Methyl ethyl ketone	200.0	✓		
D036	Nitrobenze	2.0	✓		
D037	Pentachlorophenol	100.0	✓		
D038	Pyridine	5.0[2]	✓		
D010	Selenium	1.0	✓		
D011	Silver	5.0	✓		
D039	Tetrachloroethylene	0.7	✓		
D015	Toxaphene	0.5	✓		
D040	Trichloroethylene	0.5	✓		
D041	2, 4, 5-Trichlorophenol	400.0	✓		
D041	2, 4, 6-Trichlorophenol	2.0	✓		
D042	2, 4, 5-TP (Silvex)	1.0	✓		
D043	Vinyl chloride	0.2	✓		

1 Hazardous Waste number.
2. Quantitation limit is greater than the calculated regulatory level.
3. If o-, m-, and p-Cresol concentrations can't be differentiated, the total cresol (D024) concentration is used. The regulatory level of total cresol is 200 m
4 Concentration is determined by toxicity characteristic leaching procedure (TCLP)

- Completed by generator's detailed knowledge of waste or process generating waste? YES ☒ NO ☐
- TCLP Analysis Completed? YES ☐ NO ☒ (Please attach)

GENERATOR'S CERTFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I certify that the waste is not radioactive, pathogenic, explosive or shock sensitive. I also certify that any samples submitted are representative of the actual waste.

General Electric Company — FRANK P. COLLIS — 11-16-90

CHI-102 AUTHORIZED SIGNATURE — NAME (PRINT) — DATE

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50043
Sample Type: Liquid

CHAS Lab #: 90X11007-03A
Date Received: 11/01/90
Internal Code: VS30

Volatile Organics - System A
Toxicity Characteristic Leaching Procedure (TCLP)
by EPA Method 8240 (ref. c)

Zero Headspace Extraction Date: 11/05/90

Analysis Date: 11/10/90

Parameter	MDL*	Conc.*	Parameter	MDL*	Conc.*
Benzene	1.00	ND	1,1-Dichloroethylene	1.00	ND
Carbon Tetrachloride	1.00	ND	Methyl Ethyl Ketone	4.00	TR
Chlorobenzene	1.00	ND	Tetrachloroethylene	1.00	ND
Chloroform	1.00	ND	Trichloroethylene	1.00	ND
1,2-Dichloroethane	1.00	ND	Vinyl Chloride	2.00	ND

Notes ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.
Additional compounds observed in sample

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria: Water	Soil
d4-1,2-Dichloroethane:	96 %	76-114%	70-121%
d8-Toluene:	85 %	88-110%	84-138%
p-BFB:	97 %	86-115%	59-113%

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample ID: R50043
Sample Type: Liquid

CHAS Lab #: 90X11007-03M
Date Received: 11/01/90
Internal Code: SS30

Semi-Volatile Base/Neutral and Acid Extractable Organics
Toxicity Characteristic Leaching Procedure(TCLP)
by EPA Methods 3510/8270 (ref.c)

TCLP Extraction Date: 11/14/90
BNA Extraction Date: 11/15/90
Analysis Date: 11/22/90

Parameter	MDL*	Conc.	Parameter	MDL*	Conc.
Total Cresols	12	ND	Nitrobenzene	12	ND
1,4-Dichlorobenzene	12	ND	Pentachlorophenol	59	ND
2,4-Dinitrotoluene	12	ND	Pyridine	12	ND
Hexachlorobenzene	12	ND	2,4,5-Trichlorophenol	59	ND
Hexachlorobutadiene	12	ND	2,4,6-Trichlorophenol	59	ND
Hexachloroethane	12	ND			

Notes:

ND = Below minimum detectable level (MDL)
* = mg/l
NA = Not applicable due to sample dilution
TCLP results are a proportional average calculation for two immiscible layers
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria:
2-Fluorophenol	NA%	25% - 121%
Phenol-D5	NA%	24% - 113%
Nitrobenzene-D5	NA%	23% - 120%
2-Fluorobiphenyl	NA%	30% - 115%
2,4,6-Tribromophenol	NA%	19% - 122%
Terphenyl-D14	NA%	18% - 137%

CleanHarbors

5

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50043
Sample Type: Liquid

CHAS Lab #: 90X11007-03M
Date Received: 11/01/90

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Number and Reference
Arsenic - TCLP	0.55	ND	12/03/90	12/03/90	3010/6010(c)
Barium - TCLP	12	ND	12/03/90	12/03/90	3010/6010(c)
Cadmium - TCLP	0.041	ND	12/03/90	12/03/90	3010/6010(c)
Chromium - TCLP	0.055	ND	12/03/90	12/03/90	3010/6010(c)
Lead - TCLP	0.68	ND	12/03/90	12/03/90	3010/6010(c)
Mercury - TCLP	0.2000	ND	11/28/90	12/06/90	7470(c)
Selenium - TCLP	0.83	1.8	12/03/90	12/03/90	3010/6010(c)
Silver - TCLP	0.28	ND	12/03/90	12/03/90	3005/6010(c)

Sample extracted on 11/14/90

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.

TCLP = Toxicity Characteristic Leaching Procedure as described in the Federal Register, Volume 55, No. 126.

CleanHarbors **WASTE MATERIAL** [illegible]

A. GENERAL INFORMATION

GENERATOR: General Electric Co (As will appear on manifest)

BILL TO: [illegible] Syracuse (Customer)

FACILITY ADDRESS: Electronics Park, Syracuse, NY 13221

CUSTOMER CONTACT: LINDA KEMP

CUSTOMER PHONE: 315-413-1349

GENERATOR U.S.EPA ID #: LMYD 959385124

TECHNICAL CONTACT: FRANK CELLIS

TITLE: Env. Engineer

PHONE: 315-456-0509

GENERATORS COMMON NAME FOR WASTE: Mixed non-chlorinated Solvents

PROCESS GENERATING WASTE: PC Board Cleaning

B. PHYSICAL CHARACTERISTICS OF WASTE

BTU/LB.	PH RANGE	% ORGANIC HALOGEN	ODOR
>10,000	7-8	Ø	Aromatic

FLASH POINT (°F)

☒ < 100 ☐ 100-140 ☐ 141-200 ☐ > 200 ☐ NO FLASH

PHYSICAL STATE @ 70°F (CHECK SEVERAL BOXES IF APPLICABLE)

☐ THICK VISCOUS LIQUID ☐ SOLID WITHOUT FREE LIQUIDS

☐ LIQUID WITH NO SETTLED SOLIDS ☐ POWDER

☒ LIQUID/SOLID MIXTURE

% LIQUID: 98-100 % SOLID: <2

C. COMPOSITION (INCLUDE INERT COMPONENTS, DEBRIS, ETC.)

Toluene	35-50	%
methyl Ethyl Ketone	1-10	%
Acetone	5-10	%
Isopropanol	35-50	%
Rosin	1-5	%
Water	BAL	%
		%
		%
		%

RANGES ARE PERMISSIBLE

H. METALS ☐ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

ARSENIC (As)	none	SELENIUM (Se)	none
BARIUM (Ba)		SILVER (Ag)	
CADMIUM (Cd)		COPPER (Cu)	
CHROMIUM (Cr)		NICKEL (Ni)	
CHROMIUM HEX Cr+6		ZINC (Zn)	
LEAD (Pb)		TIN (Sn)	
MERCURY (Hg)		OTHER	

I. OTHER COMPONENTS — TOTAL (PPM)

CYANIDES	none	PCB'S	none
SULFIDES	none	F001-F005 SOLVENTS	>40%

PESTICIDES ☐ YES ☒ NO SPECIFY F003, F005

WATER REACTIVE ☐ YES ☒ NO DIOXINS ☐ YES ☐ NO

D. DEPT. OF TRANSPORTATION SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL ☒ YES ☐ NO

D.O.T. SHIPPING NAME: RQ Waste Flammable Liquid, N.O.S.

D.O.T. HAZARD CLASS: Flammable liquid

UN/NA #: UN1993 REPORTABLE QUANTITY VALUE: 100 lbs

J. SAMPLE STATUS

☒ REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED

CLEAN HARBORS HAS WAIVED THE SAMPLE REQUIREMENT FOR THE FOLLOWING REASON

- ☐ WASTE IS AN UNUSED (VIRGIN) PRODUCT (ATTACH MSDS)
- ☐ WASTE HAS BEEN PREVIOUSLY RECEIVED BY CLEAN HARBORS
- ☐ WASTE CAN NOT BE SAMPLED
- ☐ WASTE IS NON HAZARDOUS
- ☐ WASTE WAS GENERATED FROM A SPILL

E. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZE): 55G

☐ OTHER (SPECIFY)

F. ANTICIPATED VOLUME

20-30 (QUANTITY) PER ☐ GALS. ☒ DRUMS ☐ CUBIC YDS. ☐ ONE TIME ☐ QUARTER ☒ YEAR

G. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☒ YES ☐ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): F003, F005, D001

STATE HAZARDOUS WASTE ☒ YES ☐ NO

STATE HAZARDOUS WASTE NUMBER(S): F003, F005, D001

IS THIS WASTE BANNED FROM LAND DISPOSAL UNDER FEDERAL REGULATIONS? ☒ YES ☐ NO

SPECIFIC GENERATOR REQUESTS FOR DISPOSAL

K. OTHER COMMENTS (FOR CUSTOMER'S USE)

13-36 handling depends on H2O content

L. FOR CLEAN HARBORS USE

A26/A22

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I certify that the waste is not radioactive, pyrophoric, explosive or shock sensitive. I also certify that any samples submitted are representative of the actual waste.

[signature] Kenneth Burns 6/30/[illegible]

CHI 102 AUTHORIZED SIGNATURE NAME (PRINT) DATE

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50035
Sample Type: Liquid

CHAS Lab #: 90X11007-01A
Date Received: 11/01/90
Internal Code: VS30

Volatile Organics - System A
Toxicity Characteristic Leaching Procedure (TCLP)
by EPA Method 8240 (ref. c)

Zero Headspace Extraction Date: 11/05/90

Analysis Date: 11/17/90

Parameter	MDL*	Conc.*	Parameter	MDL*	Conc.*
Benzene	25	130	1,1-Dichloroethylene	25	31
Carbon Tetrachloride	25	ND	Methyl Ethyl Ketone	100	370
Chlorobenzene	25	ND	Tetrachloroethylene	25	98
Chloroform	25	ND	Trichloroethylene	25	67
1,2-Dichloroethane	25	ND	Vinyl Chloride	50	ND

Notes ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.
No additional peaks observed in sample

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria: Water	Soil
d4-1,2-Dichloroethane:	106 %	76-114%	70-121%
d8-Toluene:	8 %	88-110%	84-138%
p-BFB:	177 %	86-115%	59-113%

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50035
Sample Type: Liquid

CHAS Lab #: 90X11007-01M
Date Received: 11/01/90

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Number and Reference
Arsenic - TCLP	0.057	ND	11/17/90	11/19/90	3050/6010(c)
Barium - TCLP	14	ND	11/17/90	11/19/90	3050/6010(c)
Cadmium - TCLP	0.043	0.857	11/17/90	11/19/90	3050/6010(c)
Chromium - TCLP	0.057	8.37	11/17/90	11/19/90	3050/6010(c)
Lead - TCLP	0.71	13	11/17/90	11/19/90	3050/6010(c)
Mercury - TCLP	0.2000	0.2398	11/17/90	11/19/90	7470(c)
Selenium - TCLP	0.86	ND	11/17/90	11/19/90	3050/6010(c)
Silver - TCLP	0.29	ND	11/17/90	11/19/90	3050/6010(c)

Sample extracted on 11/14/90

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.

TCLP = Toxicity Characteristic Leaching Procedure as described in the Federal Register, Volume 55, No. 126.

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample ID: RS0035
Sample Type: Liquid

CHAS Lab #: 90X11007-01M
Date Received: 11/01/90
Internal Code: SS30

Semi-Volatile Base/Neutral and Acid Extractable Organics
Toxicity Characteristic Leaching Procedure(TCLP)
by EPA Methods 3510/8270 (ref.c)

TCLP Extraction Date: 11/14/90
BNA Extraction Date: 11/15/90
Analysis Date: 11/22/90

Parameter	MDL*	Conc.	Parameter	MDL*	Conc.
Total Cresols	2500	ND	Nitrobenzene	2500	ND
1,4-Dichlorobenzene	2500	ND	Pentachlorophenol	13000	ND
2,4-Dinitrotoluene	2500	ND	Pyridine	2500	ND
Hexachlorobenzene	2500	ND	2,4,5-Trichlorophenol	13000	ND
Hexachlorobutadiene	2500	ND	2,4,6-Trichlorophenol	13000	ND
Hexachloroethane	2500	ND			

Notes:

ND = Below minimum detectable level (MDL)
* = mg/l
NA = Not applicable due to sample dilution
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria:
2-Fluorophenol	NA%	25% - 121%
Phenol-D5	NA%	24% - 113%
Nitrobenzene-D5	NA%	23% - 120%
2-Fluorobiphenyl	NA%	30% - 115%
2,4,6-Tribromophenol	NA%	19% - 122%
Terphenyl-D14	NA%	18% - 137%

CleanHarbors
ANALYTICAL SERVICES, INC.
BEDFORD DIVISION
213 BURLINGTON ROAD, BEDFORD, MA 01730
(617) 275-6111

REPORT OF ANALYSIS

Clean Harbors of Kingston, Inc.
Syracuse Division
P.O. Box 6789
Syracuse, NY 13217

Project: TCLP
P.O. #: S0824

Date Received: 11/01/90
CHAS Lab #: 90X11007

Attn: Mr. Sean Cole

Enclosed are the results for the sample(s) delivered to our laboratory on the date indicated above.

The methods listed represent those methodologies which were used to develop the best analytical techniques. Analytical results and quality assurance protocols are based on these guidelines. These meet the requirements for the reporting of results under the RCRA, NPDES and Safe Drinking Water Act regulations.

Clean Harbors Analytical Services has an active program of quality assurance and quality control. The program closely follows the guidance provided in the EPA Contract Laboratory Program Statement of Work (organic - 7/87 and inorganic - 7/85), the guidance provided in SW-846, and many other pertinent documents.

Should you have any questions concerning this work, please do not hesitate to contact me at the number above.

Please note that samples will be held for a period not to exceed 30 days from date of final report.

The information contained in this report is, to the best of my knowledge, accurate and complete.

Per/Date: Louis Macri 12-18-90

Louis Macri
Assistant Laboratory Manager

CleanHarbors WASTE MATERIAL [redacted]

A. GENERAL INFORMATION

GENERATOR: GENERAL ELECTRIC CO (As will appear on manifest)

BILL TO: [redacted] (Customer)

FACILITY ADDRESS: ELECTRONICS PARK, SYRACUSE, NY 13221

CUSTOMER CONTACT: LINDA KENIP

CUSTOMER PHONE: 315-463-1349

GENERATOR U.S.EPA ID #: NYD059385120

TECHNICAL CONTACT: FRANK WILIS

TITLE: ENV. ENGINEER PHONE: 315-456-1509

GENERATORS COMMON NAME FOR WASTE: 1,1,1 Trichloroethane

PROCESS GENERATING WASTE: Degreaser

B. PHYSICAL CHARACTERISTICS OF WASTE

BTU/LB	PH RANGE	% ORGANIC HALOGEN	ODOR
0	N/A	95-100	Chlorinated Aromatic

FLASH POINT (°F): ☐ < 100 ☐ 100-140 ☐ 141-200 ☒ > 200 ☐ NO FLASH

PHYSICAL STATE @ 70°F (CHECK SEVERAL BOXES IF APPLICABLE)

☐ THICK VISCOUS LIQUID ☐ SOLID WITHOUT FREE LIQUIDS

☒ LIQUID WITH NO SETTLED SOLIDS ☐ POWDER

☐ LIQUID/SOLID MIXTURE

% LIQUID: 100 % SOLID:

C. COMPOSITION (INCLUDE INERT COMPONENTS, DEBRIS, ETC.)

1,1,1 Trichloroethane	95-100 %
0.1	0.5 %
	%
	%
	%
	%
	%
	%
	%

RANGES ARE PERMISSIBLE

H. METALS ☐ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

ARSENIC (As)	none	SELENIUM (Se)	none
BARIUM (Ba)		SILVER (Ag)	
CADMIUM (Cd)		COPPER (Cu)	
CHROMIUM (Cr)		NICKEL (Ni)	
CHROMIUM HEX Cr+6		ZINC (Zn)	
LEAD (Pb)		TIN (Sn)	
MERCURY (Hg)		OTHER	

I. OTHER COMPONENTS — TOTAL (PPM)

CYANIDES	none	PCB'S	none
SULFIDES	none	F001–F005 SOLVENTS	>95%

PESTICIDES ☐ YES ☒ NO SPECIFY: F001

WATER REACTIVE ☐ YES ☒ NO DIOXINS ☐ YES ☒ NO

D. DEPT. OF TRANSPORTATION SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL ☒ YES ☐ NO

D.O.T. SHIPPING NAME: Waste 1,1,1 Trichloroethane

D.O.T. HAZARD CLASS: CRMA

UN/NA #: UN2831 REPORTABLE QUANTITY VALUE: 1000

E. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZE): 55

☐ OTHER (SPECIFY)

F. ANTICIPATED VOLUME

10-20 (QUANTITY) ☐ GALS. ☒ DRUMS ☐ CUBIC YDS.

PER ☐ ONE TIME ☐ QUARTER ☒ YEAR

J. SAMPLE STATUS

☒ REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED

CLEAN HARBORS HAS WAIVED THE SAMPLE REQUIREMENT FOR THE FOLLOWING REASON

☐ WASTE IS AN UNUSED (VIRGIN) PRODUCT (ATTACH MSDS)

☐ WASTE HAS BEEN PREVIOUSLY RECEIVED BY CLEAN HARBORS

☐ WASTE CAN NOT BE SAMPLED

☐ WASTE IS NON HAZARDOUS

☐ WASTE WAS GENERATED FROM A SPILL

G. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☒ YES ☐ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): F001

STATE HAZARDOUS WASTE ☒ YES ☐ NO

STATE HAZARDOUS WASTE NUMBER(S): F001

IS THIS WASTE BANNED FROM LAND DISPOSAL UNDER FEDERAL REGULATIONS? ☒ YES ☐ NO

SPECIFIC GENERATOR REQUESTS FOR DISPOSAL

K. OTHER COMMENTS (FOR CUSTOMER'S USE)

13-176 for reclamation @ CHI

L. FOR CLEAN HARBORS USE

AIO

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I certify that the waste is not radioactive, pyrophoric, explosive or shock sensitive. I also certify that any samples submitted are representative of the actual waste.

[signature]	Kenneth Burns	4/30/13
AUTHORIZED SIGNATURE	NAME (PRINT)	DATE

CHI 102

[illegible] CORY

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50044
Sample Type: Liquid

CHAS Lab #: 90X11007-04A
Date Received: 11/01/90
Internal Code: VS30

04M
90

Volatile Organics - System A
Toxicity Characteristic Leaching Procedure (TCLP)
by EPA Method 8240 (ref. c)

ber
nce

Zero Headspace Extraction Date: 11/06/90

Analysis Date: 11/13/90

(c)
(c)
(c)
(c)
(c)
(c)
(c)
(c)

Parameter	MDL*	Conc.*	Parameter	MDL*	Conc.*
Benzene	25	ND	1,1-Dichloroethylene	25	13,000
Carbon Tetrachloride	25	ND	Methyl Ethyl Ketone	100	ND
Chlorobenzene	25	ND	Tetrachloroethylene	25	ND
Chloroform	25	ND	Trichloroethylene	25	89
1,2-Dichloroethane	25	190	Vinyl Chloride	50	ND

Notes ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.
Additional compounds observed in sample

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria: Water	Soil
d4-1,2-Dichloroethane:	113 %	76-114%	70-121%
d8-Toluene:	111 %	88-110%	84-138%
p-BFB:	102 %	86-115%	59-113%

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample ID: R50044
Sample Type: Liquid

CHAS Lab #: 90X11007-04M
Date Received: 11/01/90
Internal Code: SS30

Semi-Volatile Base/Neutral and Acid Extractable Organics
Toxicity Characteristic Leaching Procedure(TCLP)
by EPA Methods 3510/8270 (ref.c)

TCLP Extraction Date: 11/14/90
BNA Extraction Date: 11/15/90
Analysis Date: 11/22/90

Parameter	MDL*	Conc.	Parameter	MDL*	Conc.
Total Cresols	1300	ND	Nitrobenzene	1300	ND
1,4-Dichlorobenzene	1300	ND	Pentachlorophenol	6300	ND
2,4-Dinitrotoluene	1300	ND	Pyridine	1300	ND
Hexachlorobenzene	1300	ND	2,4,5-Trichlorophenol	6300	ND
Hexachlorobutadiene	1300	ND	2,4,6-Trichlorophenol	6300	ND
Hexachloroethane	1300	ND			

Notes:
ND = Below minimum detectable level (MDL)
* = mg/l
NA = Not applicable due to sample dilution
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria:
2-Fluorophenol	NA%	25% - 121%
Phenol-D5	NA%	24% - 113%
Nitrobenzene-D5	NA%	23% - 120%
2-Fluorobiphenyl	NA%	30% - 115%
2,4,6-Tribromophenol	NA%	19% - 122%
Terphenyl-D14	NA%	18% - 137%

Clean Harbors WASTE MATERIAL

A. GENERAL INFORMATION

GENERATOR: General Electric Co.

FACILITY ADDRESS: Electronics Park, Syracuse, NY 13221

BILL TO ADDRESS: P.O. BOX 8789, Syracuse, NY 13217

SIC NUMBER IF KNOWN:

CLEAN HARBORS CONTACT PERSON: Sean Cole

GENERATOR U.S. EPA ID #: NYD059385120

SAMPLE APPROVAL P.O. #:

GENERATOR STATE ID #:

CUSTOMER CONTACT: Linda Kauf

TECHNICAL CONTACT: FRANK COLLIS

CUSTOMER CONTACT PHONE: (315) 463-1379

TECHNICAL CONTACTS PHONE: (315) 456-0509

B. WASTE DESCRIPTION

COMMON NAME FOR THE WASTE: waste peanut oil (FRONTIER 13-47)

PROCESS GENERATING THE WASTE: lubricant

C. PROPERTIES

PH: 7 % ORGANIC NITROGEN: % SULFUR: % ORGANIC HALOGEN: BTU's/POUND: % ASH:

COLOR: amber ODOR: slight % T.O.C.:

FLASH POINT (°F)

☐ < 100 ☐ 100-140 ☐ 140-200 ☐ > 200 ☑ NO FLASH

PHYSICAL STATE

☐ THICK VISCOUS LIQUID ☐ SOLID WITHOUT FREE LIQUIDS ☐ WASTE WATER

☑ LIQUID WITH NO SOLIDS ☐ POWDER ☑ NON-WASTE WATER

☐ LIQUID/SOLID MIXTURE

% DISSOLVED SOLIDS: % SUSPENDED SOLIDS: % SETTLED SOLIDS:

D. COMPOSITION

peanut oil	100	%
		%
		%
		%
		%
		%
		%
		%

E. METALS ☐ TOTAL (PPM) ☐ TCLP (PPM)

ARSENIC		NICKEL	ND
BARIUM	ND	SELENIUM	
CADMIUM		SILVER	
CHROMIUM		THALLIUM	
CHROMIUM Cr+6		TIN	
COPPER		ZINC	
LEAD		OTHER	
IRON		BERYLLIUM	
MERCURY		OTHER	

F. OTHER COMPONENTS

AMMONIA		HEPTACHLOR (AND ITS HYDROXIDES)	
BENZENE		HEXACHLOROBENZENE	
CHLORDANE		HEXACHLOROETHANE	
CHLOROBENZENE		LINDANE	
CHLOROFORM		METHOXYCHLOR	
o-CRESOL		METHYL ETHYL KETONE	
m-CRESOL		NITROBENZENE	
p-CRESOL		PENTACHLOROPHENOL	
CRESOL		PCB'S	
CYANIDES		PYRIDINE	
2,4-DICHLORO-PHENOXYACETIC ACID		SULFIDES	
1,4-DICHLOROBENZENE		TETRACHLOROETHYLENE	
1,1-DICHLOROETHYLENE		TOXAPHENE	
2,4-DINITROTOLUENE		TRICHLOROETHYLENE	
ENDRIN		2,4,5-TRICHLOROPHENOL	
F001-F005 SOLVENTS		2,4,6-TRICHLOROPHENOL	
LIST		2,4,5-TRICHLOROPHENOXYPROPIONIC ACID	
		VINYL CHLORIDE	

G. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. HAZARDOUS MATERIAL ☐ YES ☑ NO

D.O.T. SHIPPING NAME: NON-HAZ - NON-REG peanut oil

D.O.T. HAZARD CLASS: —

UN/NA #: — REPORTABLE QUANTITY VALUE: —

H. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☑ DRUM (SIZE) 55 gal

☐ OTHER (SPECIFY)

I. ANTICIPATED VOLUME

1 ☐ GALS. ☑ DRUMS ☐ CUBIC YDS.

FREQUENCY: ☐ ONE TIME ☑ QUARTER ☐ YEAR

J. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☐ YES ☑ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): NRGS

STATE HAZARDOUS WASTE ☐ YES ☑ NO

STATE HAZARDOUS WASTE NUMBER(S):

K. OTHER HAZARDS

	YES	NO
PYROPHORIC	☐	☑
WATER REACTIVE	☐	☑
EXPLOSIVE	☐	☑
RADIOACTIVE	☐	☑
SHOCK SENSITIVE	☐	☑
PESTICIDE	☐	☑
DIOXIN	☐	☑
IS THIS AN ELECTROPLATING WASTE	☐	☑

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS ☑ HAS NOT ☐ BEEN SUPPLIED.

FOR CLEAN HARBORS USE ONLY

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL

OTHER GENERATOR COMMENTS

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

AUTHORIZED SIGNATURE: Frank P. Collis

NAME (PRINT): FRANK P. COLLIS

DATE: 10-29-90

CHI 102

CUSTOMER COPY

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: S11418
Sample Type: Liquid

CHAS Lab #: 90X11007-06A
Date Received: 11/01/90
Internal Code: VS30

Volatile Organics - System A
Toxicity Characteristic Leaching Procedure (TCLP)
by EPA Method 8240 (ref. c)

Zero Headspace Extraction Date: 11/06/90

Analysis Date: 11/10/90

Parameter	MDL*	Conc.*	Parameter	MDL*	Conc.*
Benzene	0.10	ND	1,1-Dichloroethylene	0.10	ND
Carbon Tetrachloride	0.10	ND	Methyl Ethyl Ketone	0.40	ND
Chlorobenzene	0.10	ND	Tetrachloroethylene	0.10	ND
Chloroform	0.10	ND	Trichloroethylene	0.10	ND
1,2-Dichloroethane	0.10	ND	Vinyl Chloride	0.20	ND

Notes ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.
No additional peaks observed in sample

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria: Water	Soil
d4-1,2-Dichloroethane:	104 %	76-114%	70-121%
d8-Toluene:	104 %	88-110%	84-138%
p-BFB:	95 %	86-115%	59-113%

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample ID: S11418
Sample Type: Liquid

CHAS Lab #: 90X11007-06M
Date Received: 11/01/90
Internal Code: SS30

Semi-Volatile Base/Neutral and Acid Extractable Organics
Toxicity Characteristic Leaching Procedure(TCLP)
by EPA Methods 3510/8270 (ref.c)

TCLP Extraction Date: 11/14/90
BNA Extraction Date: 11/15/90
Analysis Date: 11/22/90

Parameter	MDL*	Conc.	Parameter	MDL*	Conc.
Total Cresols	500	ND	Nitrobenzene	500	ND
1,4-Dichlorobenzene	500	ND	Pentachlorophenol	2500	ND
2,4-Dinitrotoluene	500	ND	Pyridine	500	ND
Hexachlorobenzene	500	ND	2,4,5-Trichlorophenol	2500	ND
Hexachlorobutadiene	500	ND	2,4,6-Trichlorophenol	2500	ND
Hexachloroethane	500	ND			

Notes:

ND = Below minimum detectable level (MDL)
* = mg/l
NA = Not applicable due to sample dilution
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria:
2-Fluorophenol	NA%	25% - 121%
Phenol-D5	NA%	24% - 113%
Nitrobenzene-D5	NA%	23% - 120%
2-Fluorobiphenyl	NA%	30% - 115%
2,4,6-Tribromophenol	NA%	19% - 122%
Terphenyl-D14	NA%	18% - 137%

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: S11418
Sample Type: Liquid

CHAS Lab #: 90X11007-06M
Date Received: 11/01/90

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Number and Reference
Arsenic - TCLP	0.57	ND	11/20/90	11/20/90	3050/6010(c)
Barium - TCLP	14	ND	11/20/90	11/20/90	3050/6010(c)
Cadmium - TCLP	0.043	ND	11/20/90	11/20/90	3050/6010(c)
Chromium - TCLP	0.057	ND	11/20/90	11/20/90	3050/6010(c)
Lead - TCLP	0.71	ND	11/20/90	11/20/90	3050/6010(c)
Mercury - TCLP	0.2000	ND	11/17/90	11/20/90	7470(c)
Selenium - TCLP	0.86	ND	11/20/90	11/20/90	3050/6010(c)
Silver - TCLP	0.29	ND	11/20/90	11/20/90	3050/6010(c)

Sample extracted on 11/14/90

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.

TCLP = Toxicity Characteristic Leaching Procedure as described in the Federal Register, Volume 55, No. 126.

CleanHarbors

WASTE MATERIAL PROFILE SHEET

S 11152

Profile Number

S0934

A. GENERAL INFORMATION

GENERATOR: General Electric Co.

FACILITY ADDRESS: Electronics Park, Syracuse NY 13221

SIC NUMBER IF KNOWN:

GENERATOR U.S. EPA ID #: NYD049385120

GENERATOR STATE ID #:

TECHNICAL CONTACT: [illegible]

TECHNICAL CONTACTS PHONE: (315) [illegible]

BILL TO: CHI - Syracuse

BILL TO ADDRESS: PO Box 6789, Syracuse, NY 13217

CLEAN HARBORS CONTACT PERSON: S. [illegible] / L. Kemp

SAMPLE APPROVAL P.O. #:

CUSTOMER CONTACT: L. Kemp

CUSTOMER CONTACT PHONE: (315) 463-1379

B. WASTE DESCRIPTION

COMMON NAME FOR THE WASTE: ACID [illegible] mix

PROCESS GENERATING THE WASTE: [illegible] EPT

C. PROPERTIES

PH: [illegible] % ORGANIC NITROGEN: % SULFUR: % ORGANIC HALOGEN: BTU's/POUND: % ASH:

COLOR: [illegible] ODOR: [illegible] % T.O.C.:

FLASH POINT (°F)

☐ < 100 ☐ 100-140 ☐ 140-200 ☐ > 200 ☐ NO FLASH

PHYSICAL STATE

☐ THICK VISCOUS LIQUID ☐ SOLID WITHOUT FREE LIQUIDS ☐ WASTE WATER

☐ LIQUID WITH NO SOLIDS ☐ POWDER ☑ NON-WASTE WATER

☑ LIQUID/SOLID MIXTURE

% DISSOLVED SOLIDS: % SUSPENDED SOLIDS: % SETTLED SOLIDS: [illegible]

D. COMPOSITION

[illegible]	[illegible] %
[illegible]	[illegible] %
	%
	%
[illegible]	%
	%
	%
	%

E. METALS ☐ TOTAL (PPM) ☑ TCLP (PPM)

ARSENIC	[illegible]	NICKEL	[illegible]
BARIUM		SELENIUM	
CADMIUM		SILVER	
CHROMIUM		THALLIUM	
CHROMIUM Cr+6		TIN	
COPPER		ZINC	
LEAD		OTHER	
IRON		BERYLLIUM	
MERCURY		OTHER	

F. OTHER COMPONENTS

AMMONIA		HEPTACHLOR (AND ITS HYDROXIDES)	
BENZENE		HEXACHLOROBENZENE	
CHLORDANE		HEXACHLOROETHANE	
CHLOROBENZENE		LINDANE	
CHLOROFORM		METHOXYCHLOR	
o-CRESOL		METHYL ETHYL KETONE	
m-CRESOL		NITROBENZENE	
p-CRESOL		PENTACHLOROPHENOL	
CRESOL		PCB'S	
CYANIDES		PYRIDINE	
2,4-DICHLORO-PHENOXYACETIC ACID		SULFIDES	
1,4-DICHLOROBENZENE		TETRACHLOROETHYLENE	
1,1-DICHLOROETHYLENE		TOXAPHENE	
2,4-DINITROTOLUENE		TRICHLOROETHYLENE	
ENDRIN		2,4,5-TRICHLOROPHENOL	
F001-F005 SOLVENTS		2,4,6-TRICHLOROPHENOL	
LIST		2,4,5-TRICHLOROPHENOXYPROPIONIC ACID	
		VINYL CHLORIDE	

G. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. HAZARDOUS MATERIAL ☑ YES NO

D.O.T. SHIPPING NAME: [illegible]

D.O.T. HAZARD CLASS: [illegible]

UN/NA #: REPORTABLE QUANTITY VALUE: —

H. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☐ DRUM (SIZE): [illegible]

☐ OTHER (SPECIFY):

I. ANTICIPATED VOLUME

☐ GALS. ☑ DRUMS ☐ CUBIC YDS.

FREQUENCY: ☑ ONE TIME ☐ QUARTER ☐ YEAR

J. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☑ YES ☐ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): D002, D00[illegible]

STATE HAZARDOUS WASTE ☑ YES ☐ NO

STATE HAZARDOUS WASTE NUMBER(S): [illegible]

K. OTHER HAZARDS

	YES	NO
PYROPHORIC		☑
WATER REACTIVE		☑
EXPLOSIVE		☑
RADIOACTIVE		☑
SHOCK SENSITIVE		☑
PESTICIDE		☑
DIOXIN		☑
IS THIS AN ELECTROPLATING WASTE		☑

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS ☐ HAS NOT ☑ BEEN SUPPLIED.

FOR CLEAN HARBORS USE ONLY

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL

OTHER GENERATOR COMMENTS

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

AUTHORIZED SIGNATURE NAME (PRINT) DATE

CHI 102

EP7 Acid/NeuT.

CleanHarbors
ANALYTICAL SERVICES, INC.
BEDFORD DIVISION
213 BURLINGTON ROAD, BEDFORD, MA 01730
(617) 275-6111

REPORT OF ANALYSIS

Clean Harbors of Kingston, Inc.
Syracuse Division
P.O. Box 6789
Syracuse, NY 13217

Project: TCLP Analysis
P.O. #: S0934

Date Received: 01/03/91
CHAS Lab #: 91X01012

Attn: Mr. Sean Cole

Enclosed are the results for the sample(s) delivered to our laboratory on the date indicated above.

The methods listed represent those methodologies which were used to develop the best analytical techniques. Analytical results and quality assurance protocols are based on these guidelines. These meet the requirements for the reporting of results under the RCRA, NPDES and Safe Drinking Water Act regulations.

Clean Harbors Analytical Services has an active program of quality assurance and quality control. The program closely follows the guidance provided in the EPA Contract Laboratory Program Statement of Work (organic - 7/87 and inorganic - 7/85), the guidance provided in SW-846, and many other pertinent documents.

Should you have any questions concerning this work, please do not hesitate to contact me at the number above.

Please note that samples will be held for a period not to exceed 30 days from date of final report.

The information contained in this report is, to the best of my knowledge, accurate and complete.

Per/Date: Louis Macri 1-22-91

Louis Macri
Assistant Laboratory Manager

CleanHarbors

S11152

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: EP7 ACID/NEUT
Sample Type: Liquid

CHAS Lab #: 91X01012-01
Date Received: 01/03/9
Internal Code: VS30

Volatile Organics - System A
Toxicity Characteristic Leaching Procedure (TCLP)
by EPA Method 8240 (ref. c)

Zero Headspace Extraction Date: 01/07/91

Analysis Date: 01/08/91

Parameter	MDL*	Conc.*	Parameter	MDL*	Conc.*
Benzene	0.25	ND	1,1-Dichloroethylene	0.25	ND
Carbon Tetrachloride	0.25	ND	Methyl Ethyl Ketone	1.00	ND
Chlorobenzene	0.25	ND	Tetrachloroethylene	0.25	2
Chloroform	0.25	ND	Trichloroethylene	0.25	5
1,2-Dichloroethane	0.25	ND	Vinyl Chloride	0.50	ND

Notes ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.
No additional peaks observed in sample

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria: Water	Soil
d4-1,2-Dichloroethane:	103 %	76-114%	70-121%
d8-Toluene:	98 %	88-110%	84-138%
p-BFB:	101 %	86-115%	59-113%

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: EP7 ACID/NEUT
Sample Type: Liquid

CHAS Lab #: 91X01012-01M
Date Received: 01/03/91
Internal Code: SS30

Semi-Volatile Base/Neutral and Acid Extractable Organics - System C
Toxicity Characteristic Leaching Procedure (TCLP)
by EPA Methods 3510/8270 (ref. c)

TCLP Extraction Date: 01/04/91
Organic Extraction Date: 01/09/91
Analysis Date: 01/15/91

Parameter	MDL*	Conc.*	Parameter	MDL*	Conc.*
Total Cresols	0.05	ND	Nitrobenzene	0.05	ND
1,4-Dichlorobenzene	0.05	ND	Pentachlorophenol	0.25	ND
2,4-Dinitrotoluene	0.05	ND	Pyridine	0.05	ND
Hexachlorobenzene	0.05	ND	2,4,5-Trichlorophenol	0.25	ND
Hexachlorobutadiene	0.05	ND	2,4,6-Trichlorophenol	0.25	ND
Hexachloroethane	0.05	ND			

Notes

ND = Below minimum detectable level (MDL)
TR = Trace amount present but below MDL
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.

QA/QC

Surrogate Recoveries:	Surrogate Acceptance Criteria:
2-Fluorophenol: 80 %	25% - 121%
Phenol-D5: 66 %	24% - 113%
Nitrobenzene-D5: 93 %	23% - 120%
2-Fluorobiphenyl: 115%	30% - 115%
2,4,6-Tribromophenol: 62 %	19% - 122%
Terphenyl-D14: 137%	18% - 137%

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: EP7 ACID/NEUT
Sample Type: Liquid

CHAS Lab #: 91X01012-01M
Date Received: 01/03/91

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Number and Reference
Arsenic - TCLP	0.40	ND	01/07/91	01/09/91	3010/6010(c)
Barium - TCLP	1.0	ND	01/07/91	01/09/91	3010/6010(c)
Cadmium - TCLP	0.030	ND	01/07/91	01/09/91	3010/6010(c)
Chromium - TCLP	0.040	ND	01/07/91	01/09/91	3010/6010(c)
Lead - TCLP	0.50	ND	01/07/91	01/09/91	3010/6010(c)
Mercury - TCLP	0.0020	ND	01/07/91	01/08/91	7470(c)
Selenium - TCLP	0.60	ND	01/07/91	01/09/91	3010/6010(c)
Silver - TCLP	0.20	ND	01/07/91	01/09/91	3005/6010(c)

Sample extracted on 01/04/91

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.

TCLP = Toxicity Characteristic Leaching Procedure as described in the Federal Register, Volume 55, No. 126.

CleanHarbors

WASTE MATERIAL PROFILE SHEET

R-500[illegible]

A. GENERAL INFORMATION

GENERATOR: General Electric Co. (As will appear on manifest)

BILL TO: CHI Syracuse (Customer)

FACILITY ADDRESS: Electronics Park, Syracuse, NY 13221

CUSTOMER CONTACT: Linda Kemp

CUSTOMER PHONE: 315-463-1349

GENERATOR U.S.EPA ID #: NYD059385120

TECHNICAL CONTACT: Frank Collis

TITLE: Env. Eng

PHONE: 315-456-0509

GENERATORS COMMON NAME FOR WASTE: Arsenic compound

PROCESS GENERATING WASTE: Semiconductor Mfg

B. PHYSICAL CHARACTERISTICS OF WASTE

BTU/LB	PH RANGE	% ORGANIC HALOGEN	ODOR
Ø	5-9	Ø	Ø

FLASH POINT (°F): ☐ < 100 ☐ 100-140 ☐ 141-200 ☐ > 200 ☒ NO FLASH

PHYSICAL STATE @ 70°F (CHECK SEVERAL BOXES IF APPLICABLE)

☐ THICK VISCOUS LIQUID ☒ SOLID WITHOUT FREE LIQUIDS

☐ LIQUID WITH NO SETTLED SOLIDS ☐ POWDER

☐ LIQUID/SOLID MIXTURE

% LIQUID ____ % SOLID 100

C. COMPOSITION (INCLUDE INERT COMPONENTS, DEBRIS, ETC.)

Gallium-Arsenide	1.5	%
Alumina-Oxide	75-85	%
Debris (towels, cloth, PPE)	10-70	%
		%
		%
		%
		%
		%
		%

RANGES ARE PERMISSIBLE

H. METALS ☒ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

ARSENIC (As)	<1%	SELENIUM (Se)	none
BARIUM (Ba)	none	SILVER (Ag)	
CADMIUM (Cd)		COPPER (Cu)	
CHROMIUM (Cr)		NICKEL (Ni)	
CHROMIUM HEX Cr+6		ZINC (Zn)	
LEAD (Pb)		TIN (Sn)	
MERCURY (Hg)		OTHER	

I. OTHER COMPONENTS — TOTAL (PPM)

CYANIDES	none	PCB'S	none
SULFIDES	none	F001–F005 SOLVENTS	none

PESTICIDES ☐ YES ☒ NO SPECIFY ____

WATER REACTIVE ☐ YES ☒ NO DIOXINS ☐ YES ☒ NO

D. DEPT. OF TRANSPORTATION SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL ☒ YES ☐ NO

D.O.T. SHIPPING NAME: RQ Hazardous Waste Solid, NOS

D.O.T. HAZARD CLASS: ORM-E

UN/NA #: NA 9159 REPORTABLE QUANTITY VALUE: 1 lbs

E. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZE) 55G

☐ OTHER (SPECIFY) ____

F. ANTICIPATED VOLUME

5-10 (QUANTITY) PER ☐ GALS. ☒ DRUMS ☐ CUBIC YDS. ☐ ONE TIME ☐ QUARTER ☒ YEAR

G. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☒ YES ☐ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): D001

STATE HAZARDOUS WASTE ☒ YES ☐ NO

STATE HAZARDOUS WASTE NUMBER(S): D001

IS THIS WASTE BANNED FROM LAND DISPOSAL UNDER FEDERAL REGULATIONS? ☒ YES ☐ NO

SPECIFIC GENERATOR REQUESTS FOR DISPOSAL ____

J. SAMPLE STATUS

☐ REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED

CLEAN HARBORS HAS WAIVED THE SAMPLE REQUIREMENT FOR THE FOLLOWING REASON

☐ WASTE IS AN UNUSED (VIRGIN) PRODUCT (ATTACH MSDS)

☐ WASTE HAS BEEN PREVIOUSLY RECEIVED BY CLEAN HARBORS

☒ WASTE CAN NOT BE SAMPLED

☐ WASTE IS NON HAZARDOUS

☐ WASTE WAS GENERATED FROM A SPILL

K. OTHER COMMENTS (FOR CUSTOMER'S USE)

13.51 must be completely solid

L. FOR CLEAN HARBORS USE

CNI

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I certify that the waste is not radioactive, pyrophoric, explosive or shock sensitive. I also certify that any samples submitted are representative of the actual waste.

CHI 102 AUTHORIZED SIGNATURE ____ NAME (PRINT) ____ DATE ____

CleanHarbors

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50038
Sample Type: Solid

CHAS Lab #: 90X11007-02F
Date Received: 11/01/90

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Number and Reference
Arsenic - TCLP	0.40	ND	11/14/90	11/15/90	3010/6010(c)
Barium - TCLP	1.0	1.7	11/14/90	11/15/90	3010/6010(c)
Cadmium - TCLP	0.030	0.069	11/14/90	11/15/90	3010/6010(c)
Chromium - TCLP	0.040	ND	11/14/90	11/15/90	3010/6010(c)
Lead - TCLP	0.50	3.3	11/14/90	11/15/90	3010/6010(c)
Mercury - TCLP	0.0020	ND	11/15/90	11/16/90	7470(c)
Selenium - TCLP	0.60	ND	11/14/90	11/15/90	3010/6010(c)
Silver - TCLP	0.20	ND	11/14/90	11/16/90	3005/6010(c)

Sample extracted on 11/12/90

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.
Soil/solid samples based on sample dry weight.

TCLP = Toxicity Characteristic Leaching Procedure as described in the Federal Register, Volume 55, No. 126.

WASTE MATERIAL PROFILE SHEET

S 1[illegible]

50985 Profile Number

GENERAL ELECTRIC CO.
Electronics Park
Syracuse, NY 13221

BILL TO: CHI-SYRACUSE
BILL TO ADDRESS: PO BOX 6789
Syracuse, NY 13217

CLEAN HARBORS CONTACT PERSON: S. Cole
SAMPLE APPROVAL P.O. #:
CUSTOMER CONTACT: L. Kemp
CUSTOMER CONTACT PHONE: (315) 463-1349

GENERATOR U.S. EPA ID #: NYD059385120
GENERATOR STATE ID #:
TECHNICAL CONTACT: FRANK COLLIS
TECHNICAL CONTACTS PHONE: (315) 456-0509

B. WASTE DESCRIPTION
COMMON NAME FOR THE WASTE: filters from EP3
PROCESS GENERATING THE WASTE: collected from air ducts @ EP3

C. PROPERTIES
PH: + % ORGANIC NITROGEN: % SULFUR: % ORGANIC HALOGEN: BTU's/POUND: % ASH:
COLOR: N/A ODOR: None % T.O.C.:
FLASH POINT (°F)
☐ < 100 ☐ 100-140 ☐ 140-200 ☐ > 200 ☑ NO FLASH
PHYSICAL STATE
☐ THICK VISCOUS LIQUID ☑ SOLID WITHOUT FREE LIQUIDS ☐ WASTE WATER
☐ LIQUID WITH NO SOLIDS ☐ POWDER ☑ NON-WASTE WATER
☐ LIQUID/SOLID MIXTURE
% DISSOLVED SOLIDS: % SUSPENDED SOLIDS: % SETTLED SOLIDS:

D. COMPOSITION

Carbon black filters	100	%
		%
		%
See analytical		%
		%
		%
		%
		%

E. METALS ☐ TOTAL (PPM) ☑ TCLP (PPM)

ARSENIC	NO	NICKEL	NO
BARIUM		SELENIUM	
CADMIUM		SILVER	
CHROMIUM		THALLIUM	
CHROMIUM Cr+6		TIN	
COPPER		ZINC	
LEAD		OTHER	
IRON		BERYLLIUM	
MERCURY		OTHER	

F. OTHER COMPONENTS

AMMONIA		HEPTACHLOR (AND ITS HYDROXIDES)	
BENZENE		HEXACHLOROBENZENE	
CHLORDANE		HEXACHLOROETHANE	
CHLOROBENZENE		LINDANE	
CHLOROFORM		METHOXYCHLOR	
o-CRESOL		METHYL ETHYL KETONE	
m-CRESOL		NITROBENZENE	
p-CRESOL		PENTACHLOROPHENOL	
CRESOL		PCB'S	
CYANIDES		PYRIDINE	
2,4-DICHLORO-PHENOXYACETIC ACID		SULFIDES	
1,4-DICHLOROBENZENE		TETRACHLOROETHYLENE	
1,1-DICHLOROETHYLENE		TOXAPHENE	
2,4-DINITROTOLUENE		TRICHLOROETHYLENE	
ENDRIN		2,4,5-TRICHLOROPHENOL	
F001-F005 SOLVENTS		2,4,6-TRICHLOROPHENOL	
LIST		2,4,5-TRICHLOROPHENOXYPROPIONIC ACID	
		VINYL CHLORIDE	

G. DEPARTMENT OF TRANSPORTATION INFORMATION
D.O.T. HAZARDOUS MATERIAL ☐ YES ☑ NO
D.O.T. SHIPPING NAME: NON-HAZ, NON-DOT Reg. filters
D.O.T. HAZARD CLASS: —
UN/NA #: — REPORTABLE QUANTITY VALUE: —

H. SHIPMENT METHOD
☐ BULK LIQUID ☐ BULK SOLID ☑ DRUM (SIZE): 55GAL
☐ OTHER (SPECIFY):

I. ANTICIPATED VOLUME
4-6 ☐ GALS. ☑ DRUMS ☐ CUBIC YDS.
FREQUENCY: ☐ ONE TIME ☐ QUARTER ☑ YEAR

J. WASTE DISPOSAL STATUS
U.S. EPA HAZARDOUS WASTE ☐ YES ☑ NO
U.S. EPA HAZARDOUS WASTE NUMBER(S): NA19
STATE HAZARDOUS WASTE ☐ YES ☑ NO
STATE HAZARDOUS WASTE NUMBER(S):

K. OTHER HAZARDS

	YES	NO
PYROPHORIC		☑
WATER REACTIVE		☑
EXPLOSIVE		☑
RADIOACTIVE		☑
SHOCK SENSITIVE		☑
PESTICIDE		☑
DIOXIN		☑
IS THIS AN ELECTROPLATING WASTE		☑

L. SAMPLE STATUS
A REPRESENTATIVE SAMPLE HAS ☐ HAS NOT ☑ BEEN SUPPLIED.

FOR CLEAN HARBORS USE ONLY

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL

OTHER GENERATOR COMMENTS

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

[signature] AUTHORIZED SIGNATURE | [signature] P. Collis NAME (PRINT) | 1-30-91 DATE

CHI 102

CleanHarbors

511192

Client: Clean Harbors of Kingston, Inc.
Sample ID: EP3-FLTR
Sample Type: Solid

CHAS Lab #: 90X11088-01M
Date Received: 11/15/90
Internal Code: SS30

Semi-Volatile Base/Neutral and Acid Extractable Organics
Toxicity Characteristic Leaching Procedure(TCLP)
by EPA Methods 3510/8270 (ref.c)

TCLP Extraction Date: 11/16/90
BNA Extraction Date: 11/28/90
Analysis Date: 12/04/90

Parameter	MDL*	Conc.	Parameter	MDL*	Conc.
Total Cresols	0.050	ND	Nitrobenzene	0.050	ND
1,4-Dichlorobenzene	0.050	ND	Pentachlorophenol	0.25	ND
2,4-Dinitrotoluene	0.050	ND	Pyridine	0.050	ND
Hexachlorobenzene	0.050	ND	2,4,5-Trichlorophenol	0.25	ND
Hexachlorobutadiene	0.050	ND	2,4,6-Trichlorophenol	0.25	ND
Hexachloroethane	0.050	ND			

Notes:

ND = Below minimum detectable level (MDL)
* = mg/l
TCLP = Toxicity Characteristic Leaching Procedure, EPA Method 1311 as described in the Federal Register, Volume 55, No. 126.

QA/QC

Surrogate Recoveries:		Surrogate Acceptance Criteria:
2-Fluorophenol	40%	25% - 121%
Phenol-D5	44%	24% - 113%
Nitrobenzene-D5	13%	23% - 120%
2-Fluorobiphenyl	90%	30% - 115%
2,4,6-Tribromophenol	28%	19% - 122%
Terphenyl-D14	53%	18% - 137%

CleanHarbors

Method References

(a) "Methods for Chemical Analysis of Water and Wastes," Publication EPA-600/4-79-020, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, 1979, revised March 1983.

(b) "Standard Methods for the Examination of Water and Wastewater," 16th ed., American Public Health Association, American Water Works Association, Water Pollution Control Federation, Washington, D.C., 1985.

(c) "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods," 2nd ed., U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C., July 1982.

(d) "The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils," Publication EPA-600/4-81-045, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, 1981.

(e) "EPA-CLP Organic Analyses of Low and Medium Hazardous Waste Sample (Water and Soil) Procedures Revision," U.S. Environmental Protection Agency, July 1985.

(f) "Test Procedures for Analyses of Organic Pollutants," Code of Federal Regulations, Appendix A, Part 136, July 1, 1985.

(g) "Measurement of Purgeable Organic Compounds in Drinking Water by Gas Chromatography/Mass Spectrometry," Method 524, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(h) "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," Publication EPA-600/4-80-032, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, August 1980.

(i) "Clean Harbors Radiological Environmental Analytical Procedures," Clean Harbors Analytical Services, Braintree, MA, October 1985.

(j) "Methods for Chlorinated Phenoxy Acid Herbicides in Industrial Effluents," MDQARL, Cincinnati, November 23, 1973.

(k) "Annual Book of Standards," Section 11: Water and Environmental Technology, Vols. 11.01-11.04, American Society for Testing and Materials, Philadelphia, 1983, 1984, 1985.

(l) "Methods for Benzidine, Chlorinated Organic Compounds, Pentachlorophenol and Pesticides in Water and Wastewater," U.S. Environmental Protection Agency, September 1978.

(m) "Methods for Organochlorine Pesticides in Industrial Effluents," MDQARL, Environmental Protection Agency, Cincinnati, November 28, 1973.

(n) "Methods for Determination of Inorganic Substances in Water and Fluvial Sediments," Techniques of Water-Resources Investigation of the U.S. Geological Survey, Book 5, Chapter A-1, U.S. Department of the Interior, 1979.

(o) "Measurement of Trihalomethanes in Drinking Water by Gas Chromatography/Mass Spectrometry and Selected Ion Monitoring," Method 501.3, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(p) "The Analysis of Trihalomethanes in Finished Waters by the Purge and Trap Method," U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(q) "The Analysis of Trihalomethanes in Drinking Water by Liquid/Liquid Extraction," U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(r) "Official Methods of Analysis," Association of Official Analytical Chemists, 14th ed., 1984.

(s) "Hach Handbook of Water Analysis," Hach Chemical Company, Loveland, CO, 1979.

H.M. Prichard and T.F. Gesell, "Rapid Measurement of Rn-222 Concentrations in Water with a Commercial Liquid Scintillation Counter," Health Physics, Vol. 33, 1977, pp. 577-581.

(u) "Petroleum Products and Lubricants (I): D56-D1660," Annual Book of ASTM Standards, Volume 5.01, American Society for Testing and Materials, Philadelphia, 1985.

(v) "Petroleum Products and Lubricants (III): D2981-Latest: Catalysts," Annual Book of ASTM Standards, Volume 5.03, American Society for Testing and Materials, Philadelphia, 1985.

11/16/90 CO

CleanHarbors

Clean Harbors Analytical, 213 Burlington Rd., Bedford, MA 01730 | **CHAIN OF CUSTODY RECORD** | Sample Custodian · (617) 275-6111 | Page 1 of 1

Client: General Electric Co Project Name: TCLP - filters Project/P.O. #: S0854 Date: 11/13/90

Report To: CHI - Syracuse Attn. Sean Cole Address: PO Box 6789 Syracuse, NY 13217 Phone # (315) 463-1349

Invoice To: " " Address: " " " "

Date Samples Collected: 11/13/90 by: Sean Cole Date Samples Received: 11/15/90

Airbill/Bill of Lading? Y N NOTE: Samples received unpreserved will be preserved upon arrival at CHAS. Samples were: Preserved (Unpreserved)

Sample I.D.	Sampling Information: Date	Time	Station Location	Sample Type	Analysis: TCLP-metals	TCLP-BNA								# of con.	Comments (Special instructions, cautions, etc.)	CHAS Sample #
EP3-FLTR	11/13	2 pm	EP3	Solid	✓	✓								2	(2 filters)	90X1108 01M 01X

VOA Vial													
Glass Bottle													
Plastic ~~Bot.~~ BAG	✓	✓											
Pres.													
Volume													

Relinquished by: [signature]
Date: 11/13/90 Time: 4:00

Received by: AA
Date: Time:

Relinquished by: Mark S Neddu
Date: 11/13/90 Time: 4:00 pm

Received by: Pam Clark
Date: 11/15/90 Time: 1:45

Preservation Key: A - Acidified with ____
B - Filtered, C - Sample chilled, D - NaOH,
E - Nathiosulfate, W - Sample Ambient, F - Other

REMARKS: (Sample storage, nonstandard sample bottles, special instructions)

Standard laboratory turnaround time is 2 weeks form date of receipt. Accelerated turnaround may be assessed a surcharge. Accelerated turnaround requested:

Location of samples: R3 R4

124

(Frank's)

511192

CleanHarbors

ANALYTICAL SERVICES, INC.
BEDFORD DIVISION
213 BURLINGTON ROAD, BEDFORD, MA 01730
(617) 275-6111

REPORT OF ANALYSIS

Clean Harbors of Kingston, Inc.
Syracuse Division
P.O. Box 6789
Syracuse, NY 13217

Project: TCLP FILTERS
P.O. #: S0854

Date Received: 11/15/90
CHAS Lab #: 90X11088

Attn: Mr. Sean Cole

Enclosed are the results for the sample(s) delivered to our laboratory on the date indicated above.

The methods listed represent those methodologies which were used to develop the best analytical techniques. Analytical results and quality assurance protocols are based on these guidelines. These meet the requirements for the reporting of results under the RCRA, NPDES and Safe Drinking Water Act regulations.

Clean Harbors Analytical Services has an active program of quality assurance and quality control. The program closely follows the guidance provided in the EPA Contract Laboratory Program Statement of Work (organic - 7/87 and inorganic - 7/85), the guidance provided in SW-846, and many other pertinent documents.

Should you have any questions concerning this work, please do not hesitate to contact me at the number above.

Please note that samples will be held for a period not to exceed 30 days from date of final report.

The information contained in this report is, to the best of my knowledge, accurate and complete.

Per/Date: Louis Macri 12-21-90

Louis Macri
Assistant Laboratory Manager

Clean Harbors WASTE MATERI[illegible]

A. GENERAL INFORMATION

GENERATOR: General Electric [illegible] (As will appear on manifest)

BILL TO: [illegible] (Customer)

FACILITY ADDRESS: Electronics Park, Syracuse, NY 13221

CUSTOMER CONTACT: LINDA KEMP

CUSTOMER PHONE: 315-463-1349

GENERATOR U.S.EPA ID #: NYD059385120

TECHNICAL CONTACT: Frank Collis

TITLE: Env. Engineer

PHONE: 315-456-0509

GENERATORS COMMON NAME FOR WASTE: Flgt contaminated waste

PROCESS GENERATING WASTE: Broken lab instruments

B. PHYSICAL CHARACTERISTICS OF WASTE

BTU/LB.	PH RANGE	% ORGANIC HALOGEN	ODOR
Ø	6 8	none	none

FLASH POINT (°F): ☐ < 100 ☐ 100-140 ☐ 141-200 ☐ > 200 ☒ NO FLASH

PHYSICAL STATE @ 70°F (CHECK SEVERAL BOXES IF APPLICABLE)

☐ THICK VISCOUS LIQUID ☒ SOLID WITHOUT FREE LIQUIDS

☐ LIQUID WITH NO SETTLED SOLIDS ☐ POWDER

☒ LIQUID/SOLID MIXTURE

% LIQUID: 1% % SOLID: 99

C. COMPOSITION (INCLUDE INERT COMPONENTS, DEBRIS, ETC.)

Glass	40-50 %
metal	40-50 %
flgt as liquid	5-10 %
Debris (cleaning, absorbents)	0-10 %
	%
	%
	%
	%
	%

RANGES ARE PERMISSIBLE

H. METALS ☐ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

ARSENIC (As)	none	SELENIUM (Se)	none
BARIUM (Ba)		SILVER (Ag)	
CADMIUM (Cd)		COPPER (Cu)	
CHROMIUM (Cr)		NICKEL (Ni)	
CHROMIUM HEX Cr+6		ZINC (Zn)	
LEAD (Pb)		TIN (Sn)	
MERCURY (Hg)	<100,000	OTHER	

I. OTHER COMPONENTS — TOTAL (PPM)

CYANIDES	none	PCB'S	none
SULFIDES	none	F001-F005 SOLVENTS	none

PESTICIDES ☐ YES ☒ NO SPECIFY

WATER REACTIVE ☐ YES ☒ NO DIOXINS ☐ YES ☒ NO

D. DEPT. OF TRANSPORTATION SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL ☒ YES ☐ NO

D.O.T. SHIPPING NAME: R.Q. Hazardous Waste Liquid, N.O.S.

D.O.T. HAZARD CLASS: ORMZ

UN/NA #: NA 9159 REPORTABLE QUANTITY VALUE: 1 lb

E. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZE): 55

☐ OTHER (SPECIFY)

F. ANTICIPATED VOLUME

5 (QUANTITY) PER ☐ GALS. ☒ DRUMS ☐ CUBIC YDS. ☐ ONE TIME ☐ QUARTER ☒ YEAR

G. WASTE DISPOSAL STATUS

U.S. EPA HAZARDOUS WASTE ☒ YES ☐ NO

U.S. EPA HAZARDOUS WASTE NUMBER(S): D009

STATE HAZARDOUS WASTE ☒ YES ☐ NO

STATE HAZARDOUS WASTE NUMBER(S): D009

IS THIS WASTE BANNED FROM LAND DISPOSAL UNDER FEDERAL REGULATIONS?

☒ YES ☐ NO

SPECIFIC GENERATOR REQUESTS FOR DISPOSAL

J. SAMPLE STATUS

☐ REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED

CLEAN HARBORS HAS WAIVED THE SAMPLE REQUIREMENT FOR THE FOLLOWING REASON

☐ WASTE IS AN UNUSED (VIRGIN) PRODUCT (ATTACH MSDS)

☐ WASTE HAS BEEN PREVIOUSLY RECEIVED BY CLEAN HARBORS

☒ WASTE CAN NOT BE SAMPLED

☐ WASTE IS NON HAZARDOUS

☐ WASTE WAS GENERATED FROM A SPILL

K. OTHER COMMENTS (FOR CUSTOMER'S USE)

13-152 to Natick

L. FOR CLEAN HARBORS USE

CNI/SSI / D21

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I certify that the waste is not radioactive, pyrophoric, explosive or shock sensitive. I also certify that any samples submitted are representative of the actual waste.

[signature] — Kenneth Burns — 6/30/90

CHI 102 AUTHORIZED SIGNATURE — NAME (PRINT) — DATE

CUSTOMER COPY

Client: Clean Harbors of Kingston, Inc.
Sample I.D.: R50042
Sample Type: Solid

CHAS Lab #: 91X01012-02F
Date Received: 01/03/91

Parameter	MDL*	Result*	Digestion Date	Analysis Date	Method Number and Reference
Arsenic - TCLP	0.40	ND	01/16/91	01/16/91	3010/6010(c)
Barium - TCLP	1.0	ND	01/16/91	01/16/91	3010/6010(c)
Cadmium - TCLP	0.030	ND	01/16/91	01/16/91	3010/6010(c)
Chromium - TCLP	0.040	ND	01/16/91	01/16/91	3010/6010(c)
Lead - TCLP	0.50	ND	01/16/91	01/16/91	3010/6010(c)
Mercury - TCLP	0.0020	0.0327	01/17/91	01/18/91	7470(c)
Selenium - TCLP	0.60	ND	01/16/91	01/16/91	3010/6010(c)
Silver - TCLP	0.20	ND	01/16/91	01/16/91	3005/6010(c)

Sample extracted on 01/14/91

Notes: ND = Below minimum detectable level (MDL)
* = mg/l
All metal results are blank corrected.
Soil/solid samples based on sample dry weight.

TCLP = Toxicity Characteristic Leaching Procedure as described in the Federal Register, Volume 55, No. 126.

Method References

(a) "Methods for Chemical Analysis of Water and Wastes," Publication EPA-600/4-79-020, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, 1979, revised March 1983.

(b) "Standard Methods for the Examination of Water and Wastewater," 16th ed., American Public Health Association, American Water Works Association, Water Pollution Control Federation, Washington, D.C., 1985.

(c) "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods," 2nd ed., U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C., July 1982.

(d) "The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils," Publication EPA-600/4-81-045, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, 1981.

(e) "EPA-CLP Organic Analyses of Low and Medium Hazardous Waste Sample (Water and Soil) Procedures Revision," U.S. Environmental Protection Agency, July 1985.

(f) "Test Procedures for Analyses of Organic Pollutants," Code of Federal Regulations, Appendix A, Part 136, July 1, 1985.

(g) "Measurement of Purgeable Organic Compounds in Drinking Water by Gas Chromatography/Mass Spectrometry," Method 524, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(h) "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," Publication EPA-600/4-80-032, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, August 1980.

(i) "Clean Harbors Radiological Environmental Analytical Procedures," Clean Harbors Analytical Services, Braintree, MA, October 1985.

(j) "Methods for Chlorinated Phenoxy Acid Herbicides in Industrial Effluents," MDQARL, Cincinnati, November 23, 1973.

(k) "Annual Book of Standards," Section 11: Water and Environmental Technology, Vols. 11.01-11.04, American Society for Testing and Materials, Philadelphia, 1983, 1984, 1985.

(l) "Methods for Benzidine, Chlorinated Organic Compounds, Pentachlorophenol and Pesticides in Water and Wastewater," U.S. Environmental Protection Agency, September 1978.

(m) "Methods for Organochlorine Pesticides in Industrial Effluents," MDQARL, Environmental Protection Agency, Cincinnati, November 28, 1973.

(n) "Methods for Determination of Inorganic Substances in Water and Fluvial Sediments," Techniques of Water-Resources Investigation of the U.S. Geological Survey, Book 5, Chapter A-1, U.S. Department of the Interior, 1979.

(o) "Measurement of Trihalomethanes in Drinking Water by Gas Chromatography/Mass Spectrometry and Selected Ion Monitoring," Method 501.3, U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(p) "The Analysis of Trihalomethanes in Finished Waters by the Purge and Trap Method," U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(q) "The Analysis of Trihalomethanes in Drinking Water by Liquid/Liquid Extraction," U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati.

(r) "Official Methods of Analysis," Association of Official Analytical Chemists, 14th ed., 1984.

(s) "Hach Handbook of Water Analysis," Hach Chemical Company, Loveland, CO, 1979.

(t) H.M. Prichard and T.F. Gesell, "Rapid Measurement of Rn-222 Concentrations in Water with a Commercial Liquid Scintillation Counter," Health Physics, Vol. 33, 1977, pp. 577-581.

(u) "Petroleum Products and Lubricants (I): D56-D1660," Annual Book of ASTM Standards, Volume 5.01, American Society for Testing and Materials, Philadelphia, 1985.

(v) "Petroleum Products and Lubricants (III): D2981-Latest; Catalysts," Annual Book of ASTM Standards, Volume 5.03, American Society for Testing and Materials, Philadelphia, 1985.

EXHIBIT H

10 - 933

GE Power Delivery & Control

Ex 1
(2 letters

General Electric Company
150 South Warner Road, Suite 300
King of Prussia, PA 19406
215 964-7650

March 8, 1989

Dale M. McAllister, Esquire
Syracuse Area Relations
Electronics Park
Syracuse, NY 13221

Subject: Pierce Oil Site

Dear Dale:

I have reviewed the documents which you sent concerning this site. The documents also were reviewed by Dr. William Vullo, Manager of Environmental and Laboratory Services at the capacitor business in Hudson Falls/Ft. Edward, N.Y., and by Ronald Desgroseilliers, Manager of Environmental Programs at Pittsfield, Mass.

Dr. Vullo and Mr. Desgroseilliers confirmed that there was no documentation in existence of waste oil shipments to any of the firms noted from either plant. No additional leads were suggested by the statements of the drivers.

Very truly yours,

Mansfield C. Neal, Jr.

EXHIBIT I

General Electric Company

1990 Annual Report