Stephen W. Holt
Senior Environmental Engineer

NL

RECEIVED
FEB 24 1995

VIA CERTIFIED MAIL - RRR

February 21, 1995

William Tucker, Esq.
Office of Regional Counsel
US Environmental Protection Agency, Region II
26 Federal Plaza, Room 309
New York, New York 10278

Re: Request for Information, Under Section 104(e), CERCLA
Scientific Chemical Processing ("SCP") Site
Carlstadt, New Jersey

Dear Sir:

This letter is in response to the Demand for Records, and Request for Information, pursuant to Section 104(e) of CERCLA, dated January 5, 1995, concerning the above referenced SCP Site. Pursuant to our prior agreement, the NL Industry, Inc. ("NL") response is due February 21, 1995.

NL makes the following general objections to your requests:

NL objects to your instructions and requests for information to the extent they call for the production of documents from operations and or facilities within an unnecessarily broad geographic area. The production of information concerning operations and or facilities, east of the Mississippi River, and north of South Carolina would be unduly burdensome and oppressive. Without waiving this objection, NL has, to the extent practical, compiled a listing of said facilities. (Refer to the specific Information Request Responses.) NL objects to your instructions as being overly broad, unduly burdensome, and oppressive.

NL Industries, Inc.
Corporate Environmental Services
P.O. Box 1090, Hightstown, N.J. 08520 Tel. (609) 443-2405
Telecopier (609) 443-2374

613464

NL objects to your requests for documents to the extent that the documents requested are duplicative in nature; having been provided under numerous previous Requests for Information relating to: 1) the SCP facility at 411 Wilson Avenue, Newark, New Jersey, 2) Lone Pine Landfill Site, Freehold, New Jersey, and 3) Kin - Buc Landfill Site, Edison, New Jersey. All such previous Information Request and Document Requests were responded to, with responses being forwarded to Region II of the U.S. Environmental Protection Agency. Further, NL objects to the document request to the extent that it requests information produced and generated by the U.S. Environmental Protection Agency, regarding the above referenced sites. Production of agency produced documents is redundant, and not likely to lead to discovery of new responsive information. Without waiving the above objections, NL has enclosed pertinent responsive information. Further, NL incorporates herein by reference, all previous responses to Information Requests, and Document Requests referenced above.

Without waiving the general objections set forth above, NL provides the following responses to your Information Request. The answers provided below are numbered to indicate the specific request to which it is responding.

1. NL Industries, Inc.
   Two Greenspoint Plaza
   16825 Northchase Drive, Suite 1200
   Houston, Texas 77060 - 2544

2. Prior to 1972, NL Industries, Inc. was incorporated as National Lead Company.

   Corporate offices (in reverse chronological order) were located at:

   3000 N. Sam Houston Parkway E.
   Houston, Texas 77032

   445 Park Avenue
   New York, New York 10022

   1230 Avenue of the Americas
   New York, New York 10020

   1221 Avenue of the Americas
   New York, New York 10020

   111 Broadway
   New York, New York 10006

3. Without waiving the general objections set forth above, refer to Attachment I for a listing of subsidiary corporations facilities within the requested geographic area for the responsive time period, based upon our current knowledge and belief.

4. Without waiving the general objections set forth above, refer to Response number 3, and Attachment I.

5. Without waiving the general objections set forth above, refer to Response number 3, and Attachment I.

6. Without waiving the general objections set forth above, refer to Response number 3, and Attachment I. The EPA ID Number is provided where one has been identified from available records.

7. Without waiving the general objections set forth above, refer to Attachment II, the "Wilson Avenue Documents," for responsive information to inquiries a through c. No information has been identified that is responsive to inquiries d, and f through h. Responding to Request e, to the best of our knowledge, all materials were transported by SCP to the SCP facility at 411 Wilson Avenue, Newark, New Jersey.

8. No information has been identified that is responsive to this request.

9. Without waiving the general objections set forth above, refer to Attachment III, the "EPA Kin-Buc Documents," for responsive information to inquiries a through c. No information has been identified that is responsive to inquiries d, and f through h. Responding to Request e, to the best of our knowledge, all materials identified in Attachment III, being shipped by Scientific, Inc., were shipped to Kin-Buc Landfill in Edison, New Jersey.

10. No information has been identified that is responsive to this request.

11. No information has been identified that is responsive to this request.

12. Without waiving the general objections set forth above, refer to responses for Requests 7 and 9 above. Further, no documents have been identified that support or document

shipments to the SCP Carlstadt site, located at 216 Paterson Plank Road, Carlstadt, New Jersey.
There is a copy of a New Jersey "Special Waste Manifest" (No. 13710, dated 7-6 [78]), which identifies "Scientific Chem" as the hauler, located at 216 Paterson Plank Rd., Carlstadt. However, this manifest is covering the materials identified on the attached "Waste Material" sheets, dated 7-6-78, as being shipped to the SCP facility at 411 Wilson Avenue. (See Attachment II)

Further, please refer to Attachment IV, the "Klock" letter, which encloses two separate "Carlstadt Generator" lists. The first list appears to have been generated by the "Carlstadt Allocation Committee", and the second list is identified as a "U.S. Environmental Protection Agency, Region II" document. NL is not identified on either list as a generator of waste for the SCP Carlstadt facility, located at 216 Paterson Plank Road, Carlstadt, New Jersey.

13. Without waiving the general objections set forth above, refer to responses for Request numbers 7, 9, and 12 above.

14. Without waiving the general objections set forth above, refer to Attachment II, the March 4, 1985 letter from Mr. James C. Doherty to Ms. Janet C. Feldstein, USEPA, Region II, page 2, and the response to Request number 7.

15. Without waiving the general objections set forth above, refer to Attachment II, and the response to Request number 7. Further, refer to Attachment V, the "Eckhardt Report" for information relating to NL's former Bayonne facility, which was located at 40 Ave. A, Bayonne, New Jersey.

16. No information has been identified that is responsive to this request.

17. Without waiving the general objections set forth above, refer to Attachment III, and the response to Request number 9.

18. No information has been identified that is responsive to this request.

19. No information has been identified that is responsive to this request.

20. No information has been identified that is responsive to this request.

NL reserves the right to supplement this response, in the event that information is identified at a later date that is responsive to this request, or changes the responses provided above.

Very truly,

Stephen W. Holt

Encl.:

cc: Mr. Rich Puvogel, Project Manager US EPA, Region II

ATTACHMENT I

SCP INFORMATION REQUEST - ATTACHMENT I

Facility/ Address	Resp.Period	EPA ID #
Nuclear Div. Foot of West Street, Wilmington, De.	(1967-1979)	
Goldsmith Bros. 1325 West 59th Street, Chicago, Il.	(Sold 1975)	
Southern White Lead Co. 900 West 18th Street, Chicago, Il.	(Sold 1982)	
Carter White Lead 12042 South Peoria Street, Chicago, Il.	(Sold 1976)	
Beech Grove Plant 3700 South Arlington Ave., Beech Grove, Il.	(1966-1979)	
Amos Molded Plastics of Ill., Inc. 290 East Fullerton Street, Carol Stream, Il.	(1967-1975)	
Magnus Metals 2234 West 43rd Street, Chicago, Il.	(Sold 1972)	
Granite City Plant 16th & Cleveland Avenue, Granite City, Il.	(Sold 1979)	
Steel Package Plant 15th & State Street, Granite City, Il.	(Sold 1976)	
McCook Plant 7753 West 47th Street, McCook, Il.	(Sold 1979)	
Amos-Thompson Corp. 600 South Kyle Street, Edinburg, In.	(1967-1977)	
American Bearing Corp. 429 South Harding Street, Indianapolis, In.	(Sold 1981)	
American Lead Corp. 1600 East 21st Street, Indianapolis, In.	(Sold 1979)	
Modern Stitching, Inc. 113-115 York Street, Michigan City, In.	(1959-1962)	
Excel Mold, Inc. 939 East Troy Avenue, Indianapolis, In.	(1967-1975)	
Charles Taylor & Sons, Inc. South Shore, Ky	(1951-1978)	
Baltimore Metal Plant 214 West Henrietta Street, Baltimore, Md.	(Sold 1970)	

Landover Mfg., Inc. 6713 Columbus Park Road, Landover, Md.	(1965-1970)	
Magnus Metals 133 Water Street, Fitchburg, Ma	(Sold 1962)	
Cambridge Nuclear Radio-Pharmaceutical 575 Middlesex Turnpike, Billerica, Ma.	(1972-1973)	
National Lead Co. of Massachusetts 800 Albany Avenue, Boston, Ma.	(Sold 1970)	
Bunting Brass & Bronze Co. 4252 East Kilgore Road, Kalamazoo, Mich.	(Sold 1973)	
Master Metals 4700 East Nevada Avenue, Detroit, Mich.	(Sold 1973)	
Doehler-Jarvis Corp. 525 Cottage Styreet, SE, Grand Rapids, Mich.	(Sold 1975)	
Magnus Metals 3501 Griffin Street, Detroit, Mich.	(Sold 1975)	
Southern Screw Co. 1211 Barkley Road, Statesville, NC	(Sold 1982)	NCD042269134
Baker Castor Oil 35 Avenue A, Bayonne, NJ	(Sold 1981)	NJD067520890
Pioneer Metals, Inc. 220 McGraw Avenue, Edison, NJ	(1974-1977)	
Rheox, Inc. Wyckoff Mills Road, Hightstown, NJ	(1961-Date)	NJD051416998
Baker Castor Oil 90 Morgan Street, Jersey City, NJ	(Sold 1957)	
Floating Floors, Inc. Newark, NJ	(Sold 1975)	
Perth Amboy Plant 1050 East State Street, Perth Amboy, NJ	(Sold 1981)	
Pedricktown Plant Pedricktown - Penns Grove Road, Pedricktown, NJ	(1972-1983)	NJD061843249
Industrial Reactor Labs, Inc. Princeton Road, Plainsboro, NJ	(1972-1973)	
Nalcon Div. Jernee Mill Road, Sayreville, NJ	(1964-1970)	

NL Chemicals, Inc. Foot of Chevalier Ave., Sayreville, NJ	(1935-Date)	NJD002522027
Titanium Div. West Caldwell Labs 195 Clinton Road, West Caldwell, NJ	(1964-1972)	
Magnus Metals 1130 Central Avenue, Albany, NY	(Sold 1981)	
Doehler-Jarvis Corp. 1 Mill Street, Batavia, NY	(Sold 1982)	NYD074021171
Blanchford Base 32 33rd Street, Brooklyn, NY	(Sold 1971)	
Bradley White Lead Co. 85 Jay Street, Brooklyn, NY	(Sold 1979)	
Atlantic White Lead & Linseed Oil Co. 135 Marshall Street, Brooklyn, NY	(Sold 1951)	
Buffalo Plant 3241 Walden Avenue, Depew, NY	(Sold 1972)	
Titanium Div. Technical Service Labs. 99 Hudson Street, New York, NY	(Sold 1962)	
Titanium Alloy Mfg. Hyde Park Blvd., Niagara Falls, NY	(1948-1979)	
Pierce Oil Products East Rochester, NY	(Sold 1958)	
Aluminum Match Plate Corp. 1500 Military Road, Kenmore, NY	(Sold 1971)	
NL Chemicals, Inc. Tahawus, NY	(1941-Date)	
Edna Brass Mfg. Co. 533 Reading Road, Cincinnati, Oh	(Sold 1971)	
Charles Taylor & Sons, Inc. 710 Burns Street, Cincinnati, Oh.	(1973-1978)	
Charles Taylor & Sons, Inc. 8361 Broadwell Road, Cincinnati, Oh.	(1973-1978)	
Magnus Metals 1029 West 7th Street, Cincinnati, Oh.	(1948-1979)	
Magnus Metals 3670 Werk Road, Cincinnati, Oh.	(1967-1973)	

Master Metals 3670 Werke Road, Cincinnati, Oh.	(Sold 1973)	
Master Metals 2850 West 3rd Street, Cleveland, Oh.	(Sold 1979)	
Ridge Machine Co. 5325 West 130th Street, Cleveland, Oh.	(Sold 1971)	
Bunting Brass & Bronze Co. 715 Spencer Street, Toledo, Oh	(Sold 1980)	OHD005051180
Doehler-Jarvis Corp. 1945 Smead Ave,. Toledo, Oh.	(Sold 1982)	
Doehler-Jarvis 5400 North Detroit Ave., Toledo, Oh	(Sold 1982)	OHD005045992
Floating Floors, Inc. 5400 North Detroit Ave., Toledo, Oh	(Sold 1975)	
Regal Molds, Inc. 5515 Enterprise Blvd., Toledo, Oh.	(1970-1975)	
Altoona Plant 6th Avenue & 41st Street, Altoona, Pa.	(1973-1979)	
Philadelphia Plant - Lab 2500 Easr Thompson Street, Philadelhia, Pa.	(Sold 1979)	PAT440012433
Lee Metal Products West Pine Street, Philipsburg, Pa.	(Sold 1975)	
Doehler-Jarvis Corp. Apple & Washington Streets, Pottstown, Pa.	(Sold 1966)	
Doehler- Jarvis Corp. Old Reading Pike, Stowe, Pa.	(Sold 1982)	
Cochrane Foundry 465 Ogontz Street, York, Pa.	(1967-1977)	
Nickel Production Chester Pike & Sloan Street, Crum Lynne, Pa.	(Sold 1958)	
John T. Lewis & Brothers 2545 Arimingo Avenue, Philadelphia, Pa.	(Sold 1979)	
Sterling Works 6th Street & Allegheny River, Pittsburgh, Pa.	(Sold 1974)	
Armstrong-McKelvey Lead & Oil Co. 1376 River Road, Pittsburgh, Pa.	(Sold 1974)	

Magnus Metals 7th & Ringgold Streets, Waynesboro, Pa	(Sold 1958)	
Doehler-Jarvis Corp. Rufe Taylor Road, Greenville, Tn	(Sold 1982)	TND066707662
Baroid Corp. Rockwood, Tn	(1958-1968)	
Baroid Corp. Sweatwater-Vonore Road, Sweatwater, TN	(1956-1974)	
Rheox, Inc. MacCorkle Ave. & C&O RR, Charleston, WV	(1972-Date)	
Evans Lead Co. MacCorkle Ave. & C&O RR, Charleston, WV	(Closed 1978)	

ATTACHMENT II

Also Scientific Chemical Processing

N

March 4, 1985

CERTIFIED MAIL - RRR

Ms. Janet C. Feldstein
Site Investigation & Compliance Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10278

Dear Ms. Feldstein:

Re: EPA's Proposed Remedial Action with Respect to Scientific Chemical Processing
411 Wilson Avenue, Newark, N.J.
Your letter February 12, 1985

The reference letter was sent to two mailing addresses:

(1) NL Industries
Attn. Company President
35 Avenue A
Bayonne, N.J. 07002

(2) NL Industries - Environmental Control Dept.
Attn. Company President
P.O. Box 1090
Hightstown, N.J. 08520

Please be advised that NL sold the Bayonne facility to CasChem, Inc. on December, 1981.

This letter will respond to the questions posed in the attachment to your letter of February 12, 1985. NL Industries has already responded under a separate letter indicating our extent of commitment to voluntary immediate removal action.

NL Industries, Inc.
Environmental Control Department
P.O. Box 1090, Hightstown, N.J. 08520 Tel. (609) 443- 2461

NL Industries has previously responded to EPA, Region II, documenting our involvement with SCP via a response to Mr. David Rogers dated March 12, 1984. This response was to EPA's inquiry of February 6, 1984 requesting information on the extent of NL's involvement with the Lone Pine Landfill, Freehold Township, N.J.

In light of the information previously sent to EPA, we wish to now respond to the questions listed in the February 12, 1985 letter.

Questions 1 thru 5

See copy of response sent to EPA, Mr. David Rogers, March 12, 1984, attached.

With the exception of 1 shipment of 84 drums (55 gallons each) of off-grade Rheox 53X (40% castor oil complex mixed with 60% xylene) sent to the SCP Carlstadt, N.J. facility, 216 Paterson Plank Road, it is believed that all of the material went to the SCP facility, 411 Wilson Avenue, Newark, N.J. Our files show only 1 manifest (A13710, believed to be dated on or about 7-6-78) indicating the shipment of 84 drums of Rheox 53X going to Carlstadt. Unfortunately, we have no copies of any other manifests involving other material sent to SCP. Hence, we are not sure whether the other NL material went to Carlstadt or the 411 Wilson Avenue, Newark address. We believe it went to Newark based on our documents of record.

Copies of all documents showing NL's involvement with SCP are enclosed.

Question 6

Our records do not show any lease, contract or other written agreement entered into with SCP or the Energall Corporation.

Question 7

We know of no present NL employee who has any knowledge of facts relating to the transportation, treatment or disposal of hazardous substances or wastes at either the 411 Wilson Avenue or the Carlstadt facility.

However, we believe a former NL employee, now with CasChem, Inc., would be knowledgeable about the generation and manifesting of the materials on record. His name is Mr. John Gudzak.

Questions 8 & 9

We know of no other person, companies, etc. who transported and/or disposed of hazardous subtances or wastes to either the Carlstadt or Newark facility.

Very truly yours,

James C. Doherty

James C. Doherty
Regulatory Affairs Specialist

JCD/tb
attachments
cc: F. R. Baser
J. D. Smith

March 12, 1984

CERTIFIED MAIL - RRR

Mr. David Rogers
Hazardous Waste Site Branch
U. S. Environmental Protection Agency
Region II
Room 402
26 Federal Plaza
New York, New York 10278

Dear Sir:

Your Request for Information dated February 6, 1984, to NL Industries, 35 Ave. A, Bayonne, N.J. 07002 has been forwarded to this office for response.

You have been advised that NL Industries, Inc. (NL) sold the Bayonne facility to CasChem, Inc. on December 7, 1981. NL has some records from the Bayonne facility at these Hightstown corporate offices. A search of these records was made, and on the basis of this search, answers to your request for information are provided as follows, numbered in accordance with the original question numbers.

1. We have no knowledge of transport to, or disposal at, Lone Pine Landfill.

2. Yes.

Date	Facility
5/26/77	Scientific Chemical Processing 411 Wilson Avenue Newark, N.J.
6/7/77	"
7/6/77	"
8/16/77	"
8/30/77	"
11/29/77	"
12/1/77	"
2/13/78	"
4/13/78	"
7/6/78	"

NL Industries, Inc.
Environmental Control Department
P.O. Box 1090, Hightstown, N.J. 08520 Tel. (609) 443-2410

Sources of information are "Waste Material" tabulations, and the summary of these tabulations attached to letter, J. Gudzak to P. Elkins, "Chemical Disposal", 9/13/78 (former NL employees, now CasChem employees at the Bayonne facility). Our information at the time was that Scientific Chemical Processing hauled the wastes "to Carlstadt", presumably to 216 Paterson Plank Road, Carlstadt, N.J.

3.

Date	Hazardous Substance			
	Name	Composition	Source	Nature
5/26/77	Vorite	isocyanate terminated urethane prepolymer	Off-grade product	Solid
	Vorite	"	"	Liquid
	Vorite	"	"	Semi-solid
	Experimental Vorite	"	Research product	Semi-solid
	Trichloroethane	trichloroethane	Used solvent	Liquid
	Dumps, Drainings	organic mixture	Tank washouts	Semi-solid
6/7/77	Vorite	isocyanate terminated urethane prepolymer	Off-grade product	Liquid
	Vorite	"	Off-grade product	Solid
	Wet Dowtherm	20% diphenyl 70% diphenyl oxide 10% water	Heat exchanger waste	Liquid
7/6/77	Copolymer 186-185	mixture of tung oil, castor oil, and mineral spirits	Off-grade product	Liquid
	Experimental Waste	10% solvent	Research product	Semi-solid
8/16/77	Mondor PF	diphenyl methane diisocyanate	Raw material	Liquid
	Xylene	xylene	Solvent	Liquid
	EP889	experimental polyhydric alcohol	Research product	Liquid

	EV717	experimental Vorite	Research product	Liquid
	EV719M1	experimental Vorite	Research product	Liquid
	Vinyl acetate	vinyl acetate	Reagent	Liquid
	Ethyl acetate	ethyl acetate	Reagent	Liquid
	Vorite 689M2	isocyanate terminated urethane prepolymer	Off-grade product	Liquid
	Toluene	toluene	Solvent	Liquid
	Heptaldehyde	heptaldehyde	Raw material	Liquid
	Spent solvent	unknown	Solvent	Liquid
8/30/77	Der-331	unknown	unknown	Liquid
	Pelargonic acid	pelargonic acid	Raw material	Liquid
	Toluene	toluene	Solvent	Liquid
	Wet Dowtherm	20% diphenyl 70% diphenyl oxide 10% water	Heat exchanger waste	Liquid
	Butanediol	butanediol	Raw material	Liquid
	Spent solvent	15% xylene	Solvent	Liquid
	Vorite 689M2	isocyanate terminated urethane prepolymer	Off-grade product	Liquid
11/29/77	Copolymer 186-85%	mixture of tung oil, castor oil, and mineral spirits	Off-grade product	Semi-solid
	Vorite 683	isocyanate terminated urethane prepolymer	Off-grade product	Solid
	Code 601A	"isocyanate" plus 24% methyl ethyl ketone	Unknown	Solid
	Arochlor 1248	PCB	Heat exchanger waste?	Liquid

	Butyl acetate	butyl acetate	Raw material	Liquid
	Methyl amyl acetate	methyl amyl acetate	Raw material	Liquid
	NIAX-DIP	polyurethane foam	Off-grade product	Solid
	Urethane R-21	Polyurethane plus xylene	Off-grade product	Liquid
12/1/77	Urethane R-21	polyurethane plus xylene	Off-grade product	Liquid
	R-21	castor oil	Off-grade product	Solid
	Waste solvents	mineral spirits, xylene, toluene	Solvents	Liquid
	Methyl chloroform	methyl chloroform	Solvent	Liquid
	Trichloroethane	trichloroethane	Solvent	Liquid
	Wet Dowtherm A	20% diphenyl 70% diphenyl oxide 10% water	Heat exchanger waste	Liquid
	Penetek Oil	high-boiling-point oil	Raw material	Liquid
	MIBK	methyl isobutyl ketone	Raw material	Liquid
	Naphtha solvent slop	solvents	Solvent	Liquid
2/13/78	Vorite	isocyanate terminated urethane prepolymer	Off-grade product	Liquid
	Vorite	"	"	Solid
	Polycin	castor oil plus acetone	Off-grade product	Liquid
	Alfa 1059	castor oil plus methyl cellosolve and toluene	Off-grade product	Liquid

	Vorite	isocyanate terminated urethane prepolymer	Off-grade product	Solid
4/13/78	Chemical Waste	unknown	unknown	Liquid
	Vorite	isocyanate terminated urethane prepolymer	Off-grade product	Liquid
	Alfa 841	castor oil plus solvent	Off-grade product	Liquid
7/6/78	Rheox 53X	castor oil plus xylene	Off-grade product	Solid and semi-solid

4. The following amounts of the above-listed substances were hauled, or sent, to Scientific Chemical Processing. We have no knowledge of any shipments to Lone Pine.

Name	Amount, gals.	Amount, lbs.
Vorite, liquid	3,485	
Vorite, semi-solid		800
Vorite, solid		34,370
Trichloroethane	500	
Dumps, Drainings	250	
Wet Dowtherm	1,550	
Copolymer 186-185	2,200	
Exp. Waste	150	
Mondor PF	50	
Xylene	50	
Experimental Polycin	150	
Experimental Vorite	450	
Vinyl acetate	100	
Ethyl acetate	200	
Toluene	300	
Heptaldehyde	400	
Spent solvent	500	
DER-331	50	
Pelargonic acid	50	
Butanediol	150	
Copolymer 186-85%	50	
Code 601A		160
Arochlor 1248	50	
Butyl acetate	100	
Methyl amylacetate	100	
NIAX-DIP		1,260
Urethane R-21	100	
R-21		7,600
Waste solvents	200	

Methyl chloroform	50	
Penetek oil	50	
MIBK	100	
Naphtha solvent slop	200	
Polycin 625	700	
Alfa 1059	600	
Chemical waste	2,100	
Alfa 841	5	
Rheox 53X		31,500
Total:	14,990 gals.	75,690 lbs.

5. All of the substances listed in 4. above were contained in 55-gal. drums, except for the following, which were contained in 5-gal. pails:

Vorite, Solid:	2,440 lbs.
Vorite, Liquid:	475 gals.
Chemical Waste:	70 gals.
Alfa 841:	5 gals.

6. We have no knowledge of transport of the wastes to Lone Pine Landfill. Transport of the wastes to Scientific Chemical Process (SCP) was done by that company (SCP) only.

7. We have no records relating to Lone Pine Landfill. Records of the shipments of wastes to Scientific Chemical Processing are located at:

Environmetal Control Department
NL Industries, Inc.
Wyckoff Mills Road
Hightstown, N.J. 08520

8. No.

9. None known.

I certify that the foregoing answers and supporting documentation to the EPA Request for Information are true, complete, and accurate to the best of my knowledge and belief.

H. G. Rodman

Principal Environmental Engineer

H G Rodman
(Signature)

HGR/tb
cc: F. R. Baser
W. R. Bronner

1 of 5

DUPLICATE

DATE 5-26-77

WASTE MATERIAL

NAME NL INDUSTRIES DIVISION ICP ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO: [illegible] 7777								
		SCIENTIFIC CHEM. PROCESSING								
		411 WILSON AVE								
		NEWARK, N.J								
		NJTBSWM # 02086002								
		FACILITY I.D. # 0205A								
		SHIPPER - JOHN GUDZAK								
		REC'D - [illegible]								
		DATE - 5/26/77								
		73 Drums								
		41 Pails								
		25 Jars								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

2 of 5

DUPLICATE

T-04 Rev. 4/72

DATE 5-26-77

WASTE MATERIAL

NAME N. L. INDUSTRIES DIVISION I.C.D. ROOM NO.

35 AV. A. BAYONNE, NJ

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION		PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
8	(55)	VORITE 677-M-8	NO FREE TDI	X				X			
2		VORITE 677 M-5	NO FREE TDI	X				X			
4		VORITE 677 M-10	LESS THAN .5% TDI	X				X			
4		VORITE 677 M-9	NO FREE TDI	X				X			
~~3~~		~~POLYCIN 690 M-1~~	NON-HAZARDOUS		X						
4		POLYCIN 876 M-3	NON-HAZARDOUS		X						
9		TRICHLORATHANE	HAZARDOUS		X					X	X
1		POLYCIN 620 M-1	NON-HAZARDOUS		X						
1		VORITE 125	NO FREE TDI	X				X			
~~24~~ 16		POLYCIN 879	NON-HAZARDOUS				X				
2		VORITE 689 M-2	ISOCYANATE	X				X			
3		VORITE 677 M-3	NO FREE TDI	X				X			
3		VORITE 690	ISOCYANATE	X				X			
1		VORITE 128	NO FREE TDI	X				X			
1		VORITE 627 M-1	ISOCYANATE	X				X			
2		VORITE 144	NO FREE TDI	X						X	
1	55 gal	VORITE 680 M-1	HAZARDOUS		X				X		X
61											

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

3 of 5

IN DUPLICATE
ST-01 Rev 4/72

DATE 5-26-77

WASTE MATERIAL

NAME _____ DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
2	55 gal (05)	VORITE 174 LESS THAN 10% TDI FREE TDI				X			X	
1	↑	EV 677 M-1 NO FREE TDI				X			X	
2	↕	NRD 70-59 NON-HAZARDOUS				X				
1	↓	POLYCIN 812 NON-HAZARDOUS				X				
5	55 gal	DUMPS-DRAINING'S - VOTATOR WASH OUT				X			X	
18	5 gal PAILS	VORITE 677 M-3 NO FREE TDI	X				X			
23	"	VORITE 677 M-10 LESS THAN .5% TDI	X				X			
20 CTNS 40	(02) 2 gal	VORITE 677 M-3 NO FREE TDI	X				X			
5 CTNS 20	(01) 1 gal	VORITE 677 M-3 NO FREE TDI	X				X			

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
GREEN – WATER REACTIVE
YELLOW – OXIDIZER
BLUE – POISON

HAZARDOUS MATERIAL DRUMS

5-26-77

Pg 4 of 5

Quantity	Waste Code	Type Container	Size Container	Container Marking	Materials	Lot No's	% Solvents	Approx lb
1	20396	11	05	16	Yorite 677 m-10	4-295	Less Than .5% TDI	400
8	20396	11	05	16	Yorite 677 m-8	3-84	1% TDI 24% mek	3200
1	20396	11	05	16	Yorite 677-m-5	430-4-105	1% TDI 24% mek	400
1	20396	11	05	16	Yorite 677-m-5	6-F-28-01	1% TDI 24% mek	400
1	20396	11	05	16	Yorite 689-m-2	437-12-54	35% Isocyanate	400
1	20396	11	05	16	Yorite 689 m-2	4-18-73	35% Isocyanate	400
2	20396	11	05	16	Yorite 677 m-10	6m-06-01	Less Than .5% TDI	800
2	20396	11	05	16	Yorite 677 m-3	430-6-54	1% TDI 24% mek	800
4	20396	11	05	16	Yorite 677 m-9	34-5-133	1% TDI 24% mek	1600
1	20396	11	05	16	Yorite 125	1-122	No Free TDI	400
3	20396	11	05	16	Yorite 690	3-303	80% Isocynante	1200
1	20396	11	05	16	Yorite 128	35A-8-47	No Free TDI	400
1	20396	11	05	16	Yorite 627 m-1	4-15-71	80% Isocynante	400
1	20396	11	05	16	Yorite 677 m-3	6-133	1% 24% mek	400
1	20396	11	05	16	Yorite 677 m-10	4-75	Less Than .5% TDI	400
~~21~~ 16	00001	11	05	18	Polycin 879	12-24	None	8400
1	20169	11	05	07	Yorite 144	#13	Less Than 5% TDI	400
1	20169	11	05	07	Yorite 144	#2	Less Than 5% TDI	400
1	20396	11	05	15	Yorite 680 m-1	080 2-72	90% TDI	400
2	30072	11	05	06	Yorite 174	11-02-73	Less Than 10% TDI	800
9	20400	11	05	06	Tricholorathane		100%	3600
1	20396	11	05	16	EY-677 m-1	3-16-70	1% 24% mek	400
2	00001	11	05	18	NRD 70-59		None	500
1	00001	11	05	18	Polycin 620 m-1	10-18-66	None	400
1	00001	11	05	18	Polycin 812	02-10-72	None	400
4	00001	11	05	18	Polycin 876 m-3	06-08-72	None	1600
~~3~~	~~00001~~	~~11~~	~~05~~	~~18~~	~~Polycin 640 m-1~~	~~11-181~~	~~None~~	~~1200~~
~~5~~ 73 DR	00001	11	05	06	Dumps - Drainings	Votator Washout	50% Solid 50% Spent Xylene	2000
14	20396	11	04	16	Yorite 677 m-3	6D 09-01	1% TDI 24% mek	560
4	20396	11	04	16	Yorite 677 m-3	6C 03-01	1% TDI 24% mek	160
4	20396	11	04	16	Yorite 677 m-10	6m 06-01	Less Than .5% TDI	160
19 ...pl.5	20396	11	04	16	Yorite 677 m-10	5-125	Less Than .5% TDI	760

HAZARDOUS MATERIAL DRUMS 5/26/77

QUANTITY	WASTE CODE	TYPE CONTAINER	SIZE CONTAINER	CONTAINER MARKING	MATERIALS		LOT No's		% SOLVENTS		Approx.
40 (20 BX)	20396	11	02	16	VORITE	6772M-3	6K10-01		1% TDI	24% MEK	640
20 (5 BX)	20396	11	01	16	VORITE	6772M-3	6K10-01		1% TDI	24% MEK	160

Internal Memorandum

Date: 3/21/77

To: E. Ledford

Unit: ICD/Hightstown

From: P. Kloeblen

Unit: ICD/Bayonne

Subject: REJECT MATERIAL

The following materials have been determined to be unsuitable for rework and are to be disposed of:

Product #	Product	Lot #	Package Size	Quantity	Weight/Lbs.
71015	Copolymer 186 85%	60-6N23-01	425 Dr.	44	18,700
72023	Polycin 879	12-24	440 Dr.	16 12	5,280
72028	Vorite 144	No Lot	525 Dr.	11	5,775
72034	Vorite 677 M-3	3-84	440 Dr.	8	3,520
		60-6D09-01	40 Pl.	14	560
		60-6C03-01	40 Pl.	1	40
72035	Vorite 677 M-5	4-105	440 Dr.	1	440
		3-84	440 Dr.	7	3,080
		60-6F28-01	440 Dr.	2	880
72037	Vorite 689 M-2	No Lot	475 Dr.	2	950
		041873	475 Dr.	1	475
72038	Vorite 677 M-10	4-295	525 Dr.	1	525
		60-6M06 01	525 Dr.	2	1,050
		60-6M06-01	50 Pl.	6	300
	check	5-125	50 Pl.	15	750
72857	Arma 834	052973	420 Dr.	5	2,100
	Arma 835	12 202	420 Dr.	21	8,820
	Arma 834 M-1	060374	420 Dr.	8	3,360
73054	Magnesium Ricinoleate	022775	400 Dr.	3	1,200
	NRD 70 53	6M06 01	TOTAL WEIGHT.....		57,805

12 DRS
36 Pails

Paul

Paul Kloeblen
PK:ms
cc P.Elkins
S. Daniels
W. Blair
W. Stattel
W. Faser
W. Cronin
V. Calarco
W. White

2

IN DUPLICATE
ST-01 REV. 4/72

DATE 6-7-77

WASTE MATERIAL

NAME N L INDUSTRIES DIVISION FCD ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION		PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO Scientific Chem. Processing 411 Wilson Ave Newark, N.J.									
		NJBSWM # 02086002 FACILITY ID # 0205A									
		SHIPPER - N.L. INDUSTRIES - JOHN GUDZAK									
		REC'D - [illegible] DATE - 6-7-77									
22	55 GAL. 05	VORITE 105	NO FREE TDI		X			X			
26	05	VORITE 677 M-5	NO FREE TDI	X				X			
54	05	POLYCIN 879	NON HAZARDOUS				X				
9	05	WET DOWTHERM	HAZARDOUS		X					X	
12	05	EXPERIMENT ESTER	NON HAZARDOUS		X						
6	05	TXIB	NON HAZARDOUS		X						
9	05	POLYCIN 886 M-2	NON HAZARDOUS				X				
		339-7777									

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED - FLAMMABLE YELLOW - OXIDIZER
BROWN - CORROSIVE BLUE - POISON

HAZARDOUS MATERIAL DRUMS 6/7/77

Quantity	Waste Code	Type Container	Size Container	Container Marking	Materials		Lot No's	% Solvents		Approx.
21	20396	11	05	18	VORITE	105	7-164	LESS THAN	.05% TDI	
1	20396	11	05	18	VORITE	105	5-15	LESS THAN	.05% TDI	
26	20396	11	05	16	VORITE	677 M-5	6F25-01	1% TDI	24 MGK	
48	00001	11	05	18	POLYCIN	879	12-24	NONE		
7	00001	11	05	18	POLYCIN	886 M-2	4-113	NONE		
6	00001	11	05	18	TXIB		KODA	NONE		
12	00001	11	05	18	EXPERIMENT ESTER			13% GLYCERINE - 87% Castor Oil		
9	00001	11	05	06	WAT DOWTHERM			20% DIPHENYL 70% DIPHENYL OXIDE 10% WATER		

S.R. Dawson

Subject: [illegible]

The following [illegible] for [illegible] should be ready [illegible]:

Product #	Product					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	OK
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	OK
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	OK
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]

[illegible] Magnesium

Paul

Paul Kloeblen

Copies
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

DATE: [illegible]

[illegible]

IN DUPLICATE
[illegible] 4/72

DATE _____

WASTE MATERIAL

NAME _____ DIVISION _____ ROOM NO. ____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO SCIENTIFIC CHEM PROCESSING								
		411 WILSON AVE								
		NEWARK, NJ.								
		NJ BSWM # 02086002								
		FACILITY ID # 0205A								
		SHIPPER - N.L. INDUSTRIES 589-7777								
		REP - [illegible]								
		DATE - 7-6-77								
	55gal.									
44	05	Copolymer 186-85 IRRITANT		X					X	
23	05	Copolymer 186 NON HAZARDOUS		X						
10	05	TXIB NON-HAZARDOUS		X						
3	05	Experimental Waste				X			X	
80										

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED - FLAMMABLE
BROWN - CORROSIVE
YELLOW - OXIDIZER
BLUE - POISON

HAZARDOUS MATERIAL DRUMS 7/6/77

QUANTITY	WASTE CODE	TYPE CONTAINER	SIZE CONTAINER	CONTAINER MARKING	MATERIALS	LOT No's	% SOLVENTS	Approx WT
10	00001	11	05	18	TXIB	Kodak	NONE	
44	00001	11	05	16	COPOLYMER 186-85	6N23-01	15% MINERAL SPIRITS	
23	00001	11	05	18	COPOLYMER 186	NO LOT	NONE	
3	00001	11	05	16	EXPERIMENTAL WASTE	NO LOT	10% SOLVENT	
80								

TO: [illegible] DATE: [illegible]

[illegible] copies of
[illegible] as requested

[illegible]

Internal Memorandum

Date: 5/21/77

To: E. Radford

Plant: ICD/Hightstown

From: P. Kloeblen

Plant: ICD/Bayonne

Subject: REJECT MATERIAL

The following materials have been determined to be unsuitable for rework and are to be disposed of:

Product #	Product	Lot #	Package Size	Quantity	Weight lbs.
21015	Copolymer 166 80%	60-6323-01	425 Dr.	44	18,700
21033	Polycin 879	12-24	410 Dr.	12	5,[illegible]0
[illegible]8	Sorite 144	No Lot	425 Dr.	11	5,775
29034	Vorite 677 M-3	3-84	410 Dr.	8	3,320
		60-[illegible]-01	50 Pl.	4	500
		60-6603-01	50 Pl.	1	50
[illegible]35	Vorite 677 [illegible]	1-105	410 Dr.	1	410
		3-81	410 Dr.	7	3,0[illegible]0
		60-[illegible]28-01	410 Dr.	2	8[illegible]0
[illegible]67	Vorite [illegible]-2	No Lot	475 Dr.	2	950
		011873	475 Dr.	1	475
12038	Vorite 677 M-10	4-295	425 Dr.	1	425
		60-6306-01	525 Dr.	2	1,0[illegible]0
		60-6306-01	50 Pl.	6	300
		5-125	50 Pl.	15	750
12357	Arma 834	052973	420 Dr.	5	2,100
	Arma 835	12-202	420 Dr.	21	8,820
	Arma 834 M-1	080374	420 Dr.	8	3,360
13054	Magnesium Ricinoleate	022775	400 Dr.	3	1,200
			TOTAL WEIGHT		57,805

Paul

Paul Kloeblen
[illegible]ms
[illegible] P.Elkins
S. Daniels
W. Blair
W. [illegible]
W. [illegible]
W. Cronin
V. Calarco
W. White

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IN DUPLICATE
ST-11 Rev. 4/72

DATE 8-16-77

WASTE MATERIAL

NAME N.L. INDUSTRIES DIVISION ICD ROOM NO.

CONTAINER			PHYSICAL STATE Check One				HAZARD Check One			
QUANTITY	SIZE	NAME OF MATERIAL AND COMPOSITION	SOLID	LIQUID	GAS	SEMI-SOLID	WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO:								
		SCIENTIFIC CHEM. PROCESSING								
		411 WILSON AVE								
		NEWARK, N.J. 589-7777								
		NJDSWM # 07086002								
		FACILITY ID # 0205A								
		DATE - 8-16-77								
		REC'D - W. Tyler								
		SHIPPER - N.L. IND - JOHN GUDZAK								
		88 drs								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE YELLOW – OXIDIZER
BROWN – CORROSIVE BLUE – POISON
GREEN – WATER REACTIVE

IN DUPLICATE
ST-11 Rev. 4/72

DATE _____

WASTE MATERIAL

NAME _____ DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
1	55 GAL	MONDOR P.F.		X						X
2		MAGNESIUM RICIN	X							
1		SHELL XYLENE		X					X	
3		E.P. 889		X					X	
5		E.P. 935		X						
4		E.V. 717		X						X
5		E.V. 719-M-1		X						X
2		E.S. 596A		X						
2		E.S 456				X				
1		E.W 535				X				
1		EPON RESIN 829				X				
2		VINYL ACETATE		X					X	
1		NIAX POLYOL		X						
4		PARAFIN				X				
		I attest that none of the listed materials are explosive or radioactive.								
34		NAME DATE								
54		COLOR CODE KEY								
88		RED – FLAMMABLE; YELLOW – OXIDIZER; BROWN – CORROSIVE; BLUE – POISON; GREEN – WATER REACTIVE								

N DUPLICATE
T-31 Rev. 4/72

DATE

WASTE MATERIAL

NAME DIVISION ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
	55 gal									
1		Esters Baker		X						
4		Ethyl Acetate (+ 3)		X					X	
3		Poly BD		X						
8										
8		Black Material Non Haz.		X						
2		Vorite 689 M-2		X			X			
1		TXIB		X						
16		Dutch Boy Slop Oil, Liquid - Non Haz.		X						
4		Contaminated Copolymer 186		X						
4		Toluene		X					X	
8		Hepatdehyde		X						
3		Spent Solvent		X					X	
46										

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE YELLOW – OXIDIZER
BLUE – CORROSIVE BLUE – POISON

HAZARDOUS MATERIAL DRUMS 8/16/77

QUANTITY	WASTE CODE	TYPE CONTAINER	SIZE CONTAINER	CONTAINER MARKING	MATERIALS	LOT NO's	% SOLVENTS	Approx lb
✓ 1	00001	11	05	16	MONDOR PF.	(DIRTY)	NONE	
✓ 2	00001	11	05	18	Magnesium Ricin		NONE	
✓ 1	20413	11	05	06	Shell Xylene		100% XYLENE	
✓ 3	00001	11	05	06	EP-889	07 31 74	50% MIBK	
✓ 5	00001	11	05	18	EP. 935	③ 6H19-P1 6H09-P1	NONE	
✓ 4	00001	11	05	18	EV 717	6G 28-P1	15% IPDI	
✓ 5	20396	11	05	18	EV 719 M-1	6F29-P1 - 6H17 P1	ISOCYANATE	
2	00001	11	05	18	ES 596A	641273	15% Ethylene glycol	
✓ 2	00001	11	05	18	ES 456	091669	NONE	
✓ 1	00001	11	05	18	EW 535 [redacted] 08 ES140		NONE	
✓ 1	00001	11	05	18	Epon Resin 829		NONE	
✓ 2	10138	11	05	06	Vinyl Acetate		100% Vinyl Acetate	
✓ 1	00001	11	05	18	Niax Polyol		NONE	
✓ 4	00001	11	05	18	Paraffin		NONE	
✓ 1	00001	11	05	18	Ester Bakors		NONE	
✓ 1	20169	11	05	06	Ethyl Acetate		100% Ethyl Acetate	
✓ 3	00001	11	05	18	Poly BD - - -		NONE	
							"	"
							"	"
✓ 8	00001	11	05	18	Black Material		NONE	- NON HAZARDOUS
✓ 2	20396	11	05	16	Yorite 689 M-2	10-134	35% ISOCYANATE	
✓ 1	00001	11	05	18	TXIB		NONE	
✓ 16	00001	11	05	18	Dutch Boy Slop Oil		NONE	- NON HAZARDOUS
✓ 4	00001	11	05	18	Conti Coolx 186		NONE	
✓ ~~2~~ 4	30072	11	05	06	Toluene		100% Toluene	
✓ 8	00001	11	05	06	Isopropyl Alcohol		DISTILLED ALCOHOL Liquid	
✓ 3	20169	11	05	06	Ethyl Cellosolve		100% Eth	
							[illegible]% XYLENE - [illegible]% SOLVENT WAS	

4 COPIES

DUPLICATE

DATE

WASTE MATERIAL

NAME N.L. INDUSTRIES DIVISION ICD ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO:								
		SCIENTIFIC CHEM. PROCESSING								
		411 WILSON AVE								
		NEWARK, N.J.								
		NJ BSWM # 02086002								
		FACILITY ID # 0205A								
		DATE - 8-30-77 REC'D - [illegible]								
		SHIPPER - NL INDUSTRIES - BAYONNE N.J.								
		JOHN GUDZAK								
		79 dr								
	55gal									
1		FLEXOL - 10-10		X						
1		DER - 331		X					X	
1		NALKYLENE NON HAZ	X							
1		Pelargonic Acid		X				X		

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED - FLAMMABLE YELLOW - OXIDIZER
BROWN - CORROSIVE BLUE - POISON
GREEN - WATER REACTIVE

B 4 Copies

IN DUPLICATE
LF-11 Rev. 4/72

DATE _____

WASTE MATERIAL

NAME NL Industries DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
1	55 gal	1001 BT-70		X						
1		EPON 1007 CT5		X						
3		POLYCIN 812 M-9		X						
3		POLYCIN 635		X						
2		TOLUENE		X					X	
1		POLY 647		X				X		
16		WET DOWTHERM		X				X	X	X
3		BUTANEDIOL		X					X	
2		POLYCIN 822		X						
1		POLYCIN 684 M-1		X						
7		SPENT SOLVENT		X					X	
3		PROPYLENE GLYCOL		X						
1		POLYCIN 640 M-1		X						
1		TXIB		X						
2		VORITE 612	X							
12 ~~33~~		VORITE 689 M-2		X			X			
16		VORITE 677 M-10	X							
~~74~~		I attest that none of the listed materials are explosive or radioactive.								
4		NAME DATE								
~~79~~		COLOR CODE KEY								
		RED – FLAMMABLE; YELLOW – OXIDIZER; BROWN – CORROSIVE; BLUE – POISON; GREEN – WATER REACTIVE								

HAZARDOUS MATERIAL DRUMS 8/30/77

QUANTITY	WASTE CODE	TYPE CONTAINER	SIZE CONTAINER	CONTAINER MARKING	MATERIALS	LOT No's	% SOLVENTS	Approx W
1	00001	11	05	18	Flexol 10-10	—	NONE	
1	00001	11	05	06	DER-331	—	WASTE SOLVENT	
1	00001	11	05	18	Methylene	—	NONE	
1	00001	11	05	15	Pelargonic Acid	—	NONE	
1	00001	11	05	18	1001 BT-70	GRHM30	NONE	
1	00001	11	05	18	Epon 1007 CT5	5RHP801	NONE	
3	00001	11	05	18	Polycin 812 M-9	020872	6% Ethylene Glycol	"
3	00001	11	05	18	Polycin 635	0345 - 032473	NONE	
2	30072	11	05	06	Toluene		100%	
1	00001	11	05	15	Polycin 647	11-1672	1% Methyl Diamine	
16	00001	11	05	06	Wet Dowtherm		10% - Water 90% - Diphenyl + Diphenyl Oxide	
3	00001	11	05	06	Butanediol		100%	
2	00001	11	05	18	Polycin 822	12-18-72	NONE	
1	00001	11	05	18	Polycin 684 M-1	08 23-73	NONE	
7	20413	11	05	06	Spent Solvent		15% Xylene	
3	30057	11	05	18	Propylene Glycol		100%	
1	00001	11	05	18	Polycin 640 M-1	11-181	NONE	
1	00001	11	05	18	TXIB		NONE	
2 ✓	20396	11	05	16	Vorite 612	6N04-01	NO FREE TDI	
16 ✓	20396	11	05	16	Vorite 677-M10	7C14-01	LESS THAN .5% TDI	
5 ✓	20396	11	05	16	Vorite 689 M-2	1-136	35% Isocyanate	
(3) ~~2~~ III	20396	11	05	16	Vorite 689 - M-2	6D14-01	" "	
(4) ~~1~~ IIII	20396	11	05	16	Vorite 689 - M-2	6D28-01	" "	
79								

FROM

SEE OVER

Memorandum

Date: 7/7/77

Jnit: Hightstown

Jnit: Bayonne

SPOSAL

ermined to be unsuitable for rework

Product	Product #	Lot #	Pkg. Size	Quantity	Weight Lbs.
Vorite 120	71028	6 274	440 Dr.	4	
		4 104		2	
		8 164		1	
		60 6B06 01		4	
				11	4,840
Vorite 125	71029	8 255	440 Dr.	2	
		4 245		1	
		10 74		2	
				5	3,200
Vorite 612 #3	72031	60 6N04 01	475 Dr.	2	950
Vorite 689 M-2 #4	72037	1 136	475 Dr.	5	YARD
		10 154		2	YARD
		60 6B05 01		2	?
		60 6B18 01		3	
		60 6D14 01		24 - 21	
		60 6D28 01		12 - 7	
				48	22,800
Vorite 677 M-10 #5	72038	60 7C14 01		16	8,400
		TOTAL WEIGHT.....			39,190 lbs.

BY INKY

J.G. Balance 18 DR

LIM BL

7/28/77

The value of this material at standard cost is $29,787.00

Thank you for your cooperation.

Paul

Paul

PK:ms

cc P. Elkins
R. Lissenden
S. Daniels
W. Blair
W. Cronin
V. Calarco
W. White
J. Gudzak

cc: Paul Kloebler

Items 3,4,5 have been approved for disposal by Sales and Acctg. proceed with disposal action. EB 8/1

cc: W. Blair
S. Daniels
J. Watt

H L INDUSTRIES, INC.
RECEIVED
JUL 1977
J & W

4 COPIES

DUPLICATE

DATE 10/19/77

WASTE MATERIAL

NAME NL INDUSTRIES DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO:								
		SCIENTIFIC CHEM PROCESSING								
		411 WILSON AVE								
		NEWARK, N.J.								
		NJ BSWM # 0208.6002								
		FACILITY ID # 0205 A								
		DATE: 10/19/77 REC'D: Al Waters								
		SHIPPER - NL INDUSTRIES								
		40 AVE A								
		BAYONNE, NEW JERSEY								
		PAUL KLOEBLEN								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE YELLOW – OXIDIZER
BROWN – CORROSIVE BLUE – POISON

5 4 COPIES

DUPLICATE

REV. 4/72

DATE 10/19/77

WASTE MATERIAL

NAME NL INDUSTRIES DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
79	55 gal	R-21 - WASTE CASTOR OIL AND DERIVATES NON-HAZARDOUS				X				

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE YELLOW – OXIDIZER

BLUE – CORROSIVE BLUE – POISON

WASTE MATERIAL

DIVISION ROOM NO.

11/29/77

CONTAINER		NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One				HAZARD Check One			
QUANTITY	SIZE		SOLID	LIQUID	GAS	SEMI-SOLID	WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO:								
		SCIENTIFIC CHEMICAL PROCESSING								
		411 WILSON AVE								
		NEWARK, N.J.								
		NJ BSWM #02086002								
		FACILITY ID # 0205A								
		DATE: 11/29/77 PO'D: J. Polato								
		SHIPPER: NL INDUSTRIES								
		40 AVE A								
		BAYONNE, NJ								
		per Paul Hinkle								
		11/29 jco								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE YELLOW – OXIDIZER

BROWN – CORROSIVE BLUE – POISON

11/29/77

WASTE MATERIAL

DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
2	5 gal	POLYCIN 645-MS - CASTOR OIL		X						
6	" "	POLYCIN 846 - CASTOR OIL ESTER		X						
5	5 gal	POLYCIN 613 - CASTOR OIL		X						
5	30 gal	AA STANDARD - CASTOR OIL		X						
1	30 gal	COPOLYMER 186-85% - 15% MS				X			X	
1	30 gal	EMULSION A - CASTOR OIL				X				
2	30 gal	XXX 1 - CASTOR OIL				X				
2	30 gal	40 OIL - CASTOR OIL				X				
2	30 gal	SOLRICIN 135 - CASTOR OIL		X						
2	30 gal	FLEXRICIN P-4C - CASTOR OIL		X						
1	30 gal	CASTUNG 103 GH - CASTOR OIL DEHYDRATED				X				
1	30 gal	PALE 4 - CASTOR OIL				X				
1	30 gal	Pale 170 - CASTOR OIL				X				
2	30 gal	FLEXRICIN P-8 - CASTOR OIL ESTER		X						
1	30 gal	FLEXRICIN P-6 - CASTOR OIL ESTER		X						
2	30 gal	#15 OIL - CASTOR OIL				X				
1	30 gal	P-10 ACID - CASTOR OIL ESTER		X						

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED - FLAMMABLE
BROWN - CORROSIVE
YELLOW - OXIDIZER
BLUE - POISON

WASTE MATERIAL

DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
2	30 gal	POLYCIN 879 - CASTOR OIL		X						
3	30 gal	POLYCIN 650 - CASTOR OIL		X						
4	30 gal	VONITE 683 - ISOCYNATE	X				X			
1	30 gal	SURFACTOL - CASTOR OIL DERIVATIVE	X							
4	5 gal	COVE 6014 - ISOCYANATE	X						X	
24	55 gal	R-21 - SLOP CASTOR OIL				X				
1	55 gal	R-21 - SLOP CASTOR OIL	X			X				
1	55 gal	SUNTHENE 340	X							
1	55 gal	AROCLOR 1248 (POLYCHLORINATED POLYPHENYL)		X						
1	55 gal	EW-535 B - CASTOR OIL WAX	X							
1	55 gal	EW-535 C - " " "	X							
1	55 gal	EW-535 D - " " "	X							
2	55 gal	USED GLYCERINE	X							
1	55 gal	R-522 - CASTOR OIL SLOP	X							
2	55 gal	BUTYL ACETATE		X					X	
2	55 gal	METHYL AMYL ACETATE		X						
2	55 gal	ES-534 - CASTOR OIL SOAP				X				

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED - FLAMMABLE
BROWN - CORROSIVE
YELLOW - OXIDIZER
BLUE - POISON
GREEN - WATER REACTIVE

12 · 4 · COPIES

DUPLICATE

DATE

WASTE MATERIAL

NAME DIVISION ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
1	55 gal	PULTRAN 640-MI-CASTOR OIL		X						
3	55 gal	MDI-DIP-ISOCYANATE	X							
1	55 gal	EW-493 CASTOR OIL WAX	X							
1	55 gal	URETHANE R-41		X					X	
1	55 gal	MORESTAN 919	X							

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

HAZARDOUS MATERIAL DRUMS 10/29/77

Quantity	Waste Code	Type Container	Size Container	Container Marking	Materials	Lot No's	% Solvents	Approx
2	00001	11	02	18	BOILION 605-115		NONE	40 # ⓐ
6	00001	11	02	18	PAYCIN 846		NONE	40 # ⓐ
5	00001	11	02	18	PAYCIN 413		NONE	40 # ⓐ
#5	00001	11	05	18	1,1 SOLVENT	—	NONE	1829
1	00001			18	COPOLYMER 186-159	—	15% MINERAL SPIRITS	424
1	00001			18	EMULSION A		NONE	420
2	00001			18	XXX		NONE	840
2	00001			18	40 OIL		NONE	813
2	00001			18	SOLRICON 130		NONE	751
2	00001			18	FLOXLICIN P-4C		NONE	836
1	00001			18	CASING 103-611		NONE	390
1	00001			18	Pale 4		NONE	413
1	00001			18	Pale 170		NONE	418
2	00001			18	FLOXLICIN P-8		NONE	844
1	00001			18	FLOXLICIN P-6		NONE	414
2	00001			18	15 OIL		NONE	851
1	00001			18	P-10 ACID		NONE	414
2	00001			18	PAYCIN 871		NONE	812
3	00001			18	PAYCIN 650		NONE	1279
4	20316			18	VOLIC 663		NO FREE TDI	1570
1	00001			18	SURFACTOR		NONE	384
4	20316		025	06	COVE 601 A		24% MEK 1% [illegible]	40 # ⓐ
24	00001			18	R-21		NONE	10,080
1	00001			18	R-21		NONE	420
1	00001			18	SURFACTOR 340		NONE	420
1	00001			18	AROCLOR 1248		NONE	420
1	00001			18	EW-535 B		NONE	420
1	00001			18	EW-535 C		NONE	420
1	00001			18	EW-535 D		NONE	420
2	20316			18	USED GLYCOLS		NONE	840
1	00001			18	R-522		NONE	420
2	20016			18	BUTYL ACETATE		NONE	840
2	00001			18	METHYL AMYL ACETATE		NONE	840

HAZARDOUS MATERIAL DRUMS 10/29/79

Units	Waste Code	Type Container	Size Container	Container Marking	Materials	Lot No's	% Solvents	Approx
2	00001	11	05	18	ES-534		NONE	840
1	00001	11	05	18	POLYGN 640-M1		NONE	420
3	00001	11	05	18	NIAX-R18		NONE	1260
1	00001	11	05	18	EW-493		NONE	420
1	00001	11	05	18	URETHANE R-21	CONTAIN XYLENE, TDI		420
1	00001	11	05	18	MONOSIER 269		NONE	420

Scientific Chemical Processing, Inc.

411 WILSON AVE.
NEWARK, NEW JERSEY 07105
PHONE: 201-589-7777

December 13, 1977

Mr. William Faser
NL Industries
35 Avenue A
Bayonne, N.J. 07002

Dear Mr. Faser:

On your shipment of November 29, 1977, see attached manifests, we have been advised by our plant personnel, that the load contained 34 fibre drums and 3 leaking drums.

In accordance with D.O.T. requirements and because of our own handling procedures we must request no leakers or fibres be included in any pick-ups.

We, of course, instruct our drivers not to accept any leaking containers.

If we can be of any further assistance, please do not hesitate to call.

Very truly yours,

Herbert G. Case, Jr.

HGC/lh

DIVISION _____ ROOM NO. _____

NTAINER			PHYSICAL STATE Check One				HAZARD Check One			
TITY	SIZE	NAME OF MATERIAL AND COMPOSITION	SOLID	LIQUID	GAS	SEMI-SOLID	WATER-REACT	CORROSIVE	FLAMMABLE	POISON
2	30 gal	POLYCIN 879 - CASTOR OIL		X						
3	30 gal	POLYCIN 650 - CASTOR OIL		X						
4	30 gal	VORITE 683 - ISOCYNATE	X				X			
1	30 gal	SURFACTOL - CASTOR OIL DERIVATIVE	X							
4	5 gal	CODE 601A - ISOCYANATE	X						X	
24	55 gal	R-21 - SLOP CASTOR OIL				X				
1	55 gal	R-21 - SLOP CASTOR OIL	X			X				
1	55 gal	SURFACTOL 340	X							
1	55 gal	ARACLOR 1248 (POLYCHLORINATED POLYPHENYL)		X						
1	55 gal	EW-535 B - CASTOR OIL WAX	X							
1	55 gal	EW-535 C - " " "	X							
1	55 gal	EW-535 D - " " "	X							
2	55 gal	USED GLYCERINE	X							
1	55 gal	R-522 - CASTOR OIL SLOP	X							
2	55 gal	BUTYL ACETATE		X					X	
2	55 gal	METHYL AMYL ACETATE		X						
2	55 gal	ES-534 - CASTOR OIL SOAP				X				

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED - FLAMMABLE
BROWN - CORROSIVE
YELLOW - OXIDIZER
BLUE - POISON
GREEN - WATER REACTIVE

NAME _____ DIVISION _____ ROOM NO. _____

CONTAINER			PHYSICAL STATE Check One				HAZARD Check One			
QUANTITY	SIZE	NAME OF MATERIAL AND COMPOSITION	SOLID	LIQUID	GAS	SEMI-SOLID	WATER-REACT	CORROSIVE	FLAMMABLE	POISON
1	55 gal	POLYCIN 640-M1-CASTOR OIL		X						
3	55 gal	NIAX-DIP-ISOCYANATE	X							
1	55 gal	EW-493-CASTOR OIL WAX	X							
1	55 gal	URETHANE R-21		X					X	
1	55 gal	MORESTER 969	X							

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED – FLAMMABLE
YELLOW – OXIDIZER
BROWN – CORROSIVE
BLUE – POISON
GREEN – WATER REACTIVE

E _____ DIVISION _____ ROOM NO. _____

NTAINER TITY	SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
2	5 gal	POLYCIN 645-MS - CASTOR OIL		X						
6	" "	POLYCIN 846 - CASTOR OIL ESTER		X						
5	5 gal	POLYCIN 613 - CASTOR OIL		X						
5	30 gal	A A STANDARD - CASTOR OIL		X						
1	30 gal	COPOLYMER 186-85% - 15% MS				X			X	
1	30 gal	EMULSION A - CASTOR OIL				X				
2	30 gal	XXX 1 - CASTOR OIL				X				
2	30 gal	40 OIL - CASTOR OIL				X				
2	30 gal	SOLRICIN 135 - CASTOR OIL		X						
2	30 gal	FLEXRICIN P-4C - CASTOR OIL		X						
1	30 gal	CASTUNG 103 GH - CASTOR OIL DEHYDRATED				X				
1	30 gal	PALE 4 - CASTOR OIL				X				
1	30 gal	Pale 170 - CASTOR OIL				X				
2	30 gal	FLEXRICIN P-8 - CASTOR OIL ESTER		X						
1	30 gal	FLEXRICIN P-6 - CASTOR OIL ESTER		X						
2	30 gal	#15 OIL - CASTOR OIL				X				
1	30 gal	P-10 ACID - CASTOR OIL ESTER		X						

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED — FLAMMABLE
BROWN — CORROSIVE
YELLOW — OXIDIZER
BLUE — POISON
GREEN — WATER REACTIVE

4 COPIES

DUPLICATE

DATE

WASTE MATERIAL

NAME DIVISION ROOM NO.

CONTAINER			PHYSICAL STATE Check One				HAZARD Check One			
QUANTITY	SIZE	NAME OF MATERIAL AND COMPOSITION	SOLID	LIQUID	GAS	SEMI-SOLID	WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO:								
		SCIENTIFIC OFFICE PROCESSING								
		40 ACKSON AVE								
		KEARNY, NJ								
		ALUMINUM # 0200002								
		TRACKING ID # 0205A								
		DATE: 02/1/07 REC'D: [illegible]								
		SHIPPER:								
		NL INDUSTRIES								
		40 AVE A								
		BAYONNE, NJ								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

4 COPIES
DUPLICATE

DATE

WASTE MATERIAL

NAME DIVISION ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
4	55 gal	LATHE SCUFF SLIPS		X					X	
2	"	POLYCUT 645 - CASTOR OIL				X				
2	"	EC 183 - CASTOR OIL DERIVATIVE				X				
1	"	TRIETHYLENE GLYCOL				X				
1	"	2-ETHYL HEXANOL		X						
1	"	DUP				X				
2	"	HEPTYL ALCOHOL - CASTOR OIL DERIVATIVE		X						
1	"	HEPTANOIC ACID - CASTOR OIL DERIVATIVE		X						
1	"	DUSKEEN 35 - MINERAL OIL CRAFT		X						
1	"	CHEMRAME R-21 - SLIP SOLVENTS		X					X	
1	"	PROPYLENE GLYCOL		X						
1	"	2XAO - CASTOR OIL				X				
18										

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED - FLAMMABLE
BROWN - CORROSIVE
YELLOW - OXIDIZER
BLUE - POISON
GREEN - WATER REACTIVE

4 COPIES

DUPLICATE

DATE

WASTE MATERIAL

NAME DIVISION ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
5	55 gal	UNDECYLENIC ACID - CASTOR OIL DERIVATE				X				
1	"	R-71 (SOLID) - SLCP CASTOR OIL	X						X	
18	"	R-71 - SLCP CASTOR OIL		X		X				
2	"	POLYCIN C13 - CASTOR OIL		X						
4	"	R-117 - " "				X				
4	"	WASTE SOLVENTS - CASTOR DERIVATE SPIRITS, XYLENE, TOLUENE		X					X	
1	"	METHYL CHLOROFORM		X						
1	"	TRICHLOROETHANE		X						
1	"	POLYCIN C20-M8 - CASTOR OIL		X						
1	"	VONTE 174 - ISOCYANATE	X							
1	"	DIETHYLENE GLYCOL		X						
1	"	POLYCIN 196 - CASTOR OIL		X						
1	"	BUTYL UNDECYLENATE - CASTOR OIL		X						
1	"	NIAX PCP-0210 - ISOCYANATE				X				
6	"	WET DENTHERM A		X					X	
1	"	PENETEK OIL (PART) - MINERAL OIL		X						
2	"	MIBK (METHYL ISOBUTHYL KETONE		X					X	
51		I attest that none of the listed materials are explosive or radioactive.								
		NAME DATE								

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

HAZARDOUS MATERIAL DRUMS 12/1/77

Units	Waste Code	Type Container	Size Container	Container Marking	Materials	Lot No's	% Solvents	Approx Qty
5	00001	11	05	18	UNDECYLENIC ACID		NONE	2000
1	00001	11	05	18	R-21 -		~~[illegible]~~ 10% XYLENE	400
18	00001	11	05	18	R-21		NONE	7200
2	00001	11	05	18	POLYON 413		NONE	800
4	00001	11	05	18	R-117		NONE	1600
4	00001	11	05	18	WASH SOLVENTS		100%	1600
1	00001	11	05	18	METHYL CHLOROFORM		NONE	400
1	20400	11	05	18	TRICHLOROETHANE		NONE	400
1	00001	11	05	18	POLYON 620-[illegible]		NONE	400
1	00001	11	05	18	VORITE 174		NONE	400
1	~~[illegible]~~ 30029	11	05	18	DIETHYLENE GLYCOL		NONE	400
1	00001	11	05	18	POLYON 196		NONE	400
1	00001	11	05	18	BUTYL UNDECYLENATE		NONE	400
1	00001	11	05	18	MILAX PCP-0410		NONE	400
6	00001	11	05	18	WET DENTIFRICE A	20% DIPHENYL	70% DIPHENYL	OXIDE 2400
1	00001	11	05	18	PENETRIC 64		NONE	200
2	~~[illegible]~~ 20750	11	05	06	MILK		100%	800
4	00001	11	05	18	NAPHTA SOLVENT SLOP		100%	1600
2	00001	11	05	18	POLYON 645		NONE	800
2	00001	11	05	18	EO-183		NONE	800
1	00001	11	05	18	TRIPROPYLENE GLYCOL		NONE	400
1	00001	11	05	18	2-ETHYL HEXANOL		NONE	400
1	0001	11	05	18	DOP		NONE	400
2	00001	11	05	18	HEXYL ALCOHOL		NONE	800
1	00001	11	05	18	HEPTONIC ACID		NONE	400
1	00001	11	05	18	PRAMOL 35		NONE	~~[illegible]~~ 400
1	00001	11	05	18	URETHANE R-21		100%	200
1	30057	11	05	18	PROPYLENE GLYCOL		NONE	400
	00001	11	05	18	2XAC		NONE	400

WASTE MATERIAL

DIVISION _____ ROOM NO. _____

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SHIP TO:								
		SCIENTIFIC CHEMICAL PROCESSING								
		411 WILSON AVE								
		NEWARK, N.J.								
		NJGS WM # 0208 6-002								
		FACILITY ID. # 0205 A								
		SHIPPER:								
		NL INDUSTRIES								
		40 AVE A								
		BAYONNE, NJ								
		DATE: 2/13/78								
		REC'D:								✓
		Robert Allen								
		I attest that none of the listed materials are explosive or radioactive.								
		NAME DATE								
		COLOR CODE KEY								
		RED – FLAMMABLE YELLOW – OXIDIZER								

NICATE
Rev. 4/72

W STE MATERIAL

E _____ DIVISION _____ ROOM NO. _____

NTAINER TITY	SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
9	55 gal	VORITE 63 - CASTOR OIL AND TDI		✓						✓
14	55 gal	POLYCIN 625 - CONTAINS CASTOR OIL & ACETONE		✓					✓	
12	"	ALFA 1059 - CONTAINS TOULENE, METHYL CELLOSOLVE, HYLENE W, ETHYLENE DIAMINE		✓					✓	
		~~VORITE 165 - CASTOR OIL AND TDI~~	✓							✓
8		VORITE 120 - CASTOR OIL AND TDI	✓							✓
2.49		VORITE 125 - CASTOR OIL AND TDI	✓							✓
19		VORITE 689-M2 - ISOCYANATE	✓							✓
3		VORITE 144 - ISOCYANATE	✓							✓
4		VORITE 677-M3 - FLAMMABLE	✓						✓	
2		VORITE 128 - CASTOR OIL & TDI	✓							✓
75 drums										

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

HAZARDOUS MATERIAL DRUMS 2/13/78

32	~~FAILS~~	NO	FAILS							
14	20396	11	65	16	WHITE	654-110	1-136 ①	60-6014-01 (15)	35% ISOBUTYLBENZ	
4	20396	11	65	16	WHITE	677-113	60-6031-01 ②	(2) NO COP	1% TDI 24% MEK	
3	20169	11	65	17	WHITE	144	60-7811-01 ③		LESS THAN 5% TDI	
2	20396	11	65	16	WHITE	128	7-154 ① 60-6032-01 ②		NO FREE TDI	
1	20396	11	65	16	WHITE	63	4-77E ③		50% TDI	
14	30002	11	65	16	YELLOW	625	OFF-TEST MATERIAL		25% ACETONE	
12		11	65		ALFA	1654	ALL TEST MAT.		NO [illegible]	
							50% METHYL		25% TOLUENE	4800
							CELLOSOLVE		1% EDA	
	~~20396~~	~~11~~	~~65~~	~~16~~	~~WHITE~~	~~165~~			~~NO FREE TDI~~	
8	20396	11	65	16	WHITE	120	60-6306-01 ③ 1-274 ④	8-164 ①	NO FREE TDI	
32	20396	11	65	16	WHITE	125			NO FREE TDI	
							4-104 ①			
75	[illegible]						10-74 ②			
							4-245 ①			

WASTE MATERIAL

4-13-75

E NL INDUSTRIES DIVISION ROOM NO.

CONTAINER QTY	CONTAINER SIZE	NAME OF MATERIAL AND DESCRIPTION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		Ship To: Scientific Chemical Processing 411 Wilson Ave Newark, N.J.								
		NJBSWM # 02086002 Facility ID # 0205 A								
		DATE 4-13-78 Rec'd Robert Allen NL Industries - J. Camillery 40 Avenue A Bayonne, N.J.								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED - FLAMMABLE YELLOW - OXIDIZER
BROWN - CORROSIVE BLUE - POISON
GREEN - WATER REACTIVE

DATE

WASTE MATERIAL

DIVISION ROOM NO.

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
32	55 GAL	CASTOR OIL WASTE		X						
28	55 GAL	Chemical WASTE		X					X	X
8	5 GAL	VORITE 689 m2		X						X
12	5 GAL	VORITE 610		X						X
31	5 GAL	VORITE 63		X						X
46	5 GAL	VORITE 63		X						X
9	5 GAL	POLYCIN 874		X						
8	5 GAL	POLYCIN 886 m2		X						
1	5 GAL	POLYCIN 872		X						
14	5 GAL	Chemical WASTE		X					X	X
16	5 GAL	POLYCIN 172		X						
1	5 GAL	ALFA 841		X					X	X
		PAILS - TOTAL 146								
		DRUMS - 60								
		I attest that none of the listed materials are explosive or radioactive.								
		NAME DATE								
		COLOR CODE KEY								
		RED - FLAMMABLE YELLOW - OXIDIZER BROWN - CORROSIVE BLUE - POISON GREEN - WATER REACTIVE								

HAZARDOUS MATERIAL DRUMS 4/3/78

QUANTITY	WASTE CODE	TYPE CONTAINER	SIZE CONTAINER	CONTAINER MARKING	MATERIALS	LOT Nos	% SOLVENTS	Offsite
32	00001	11	05	18	CASTOR OIL WASTE	UNKNOWN	NONE	
28	00001	11	05	18	CHEMICAL WASTE	UNKNOWN	~~NONE~~	
8	20396	10	04	18	VORITE 689 MV	2-125	35% ISOCYANATE	360
10	20396	10	04	18	VORITE 610	1-105A	22% TDI	540
31	20396	10	04	18	VORITE 63	11-134	50% TDI	1395
46	20396	10	04	18	VORITE 63	7-174	50% TDI	2070
3	00001	10	04	18	POLYCIN 874	6C07-01	NONE	135
1	00001	10	04	18	POLYCIN 874	5-305	NONE	45
1	00001	10	04	18	POLYCIN 874	7C12-01	NONE	45
8	00001	10	04	18	POLYCIN 886 MV	4-113	NONE	360
1	00001	10	04	18	POLYCIN 872	67-9-13	NONE	45
14	00001	10	04	18	CHEMICAL WASTE	UNKNOWN		630
16	00001	10	04	M67	POLYCIN 172	4-114B	NONE	720
1	00001	10	04	18	ALFA 841	6E78	50 ETHYLENE GLYCOL	45
4	00001	10	04	18	POLYCIN 874	6C06	NONE	180

Tot full

note. manifest must accompany the entities being disposed of

WASTE MATERIAL

DIVISION

CONTAINER QUANTITY	CONTAINER SIZE	NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One: SOLID	LIQUID	GAS	SEMI-SOLID	HAZARD Check One: WATER-REACT	CORROSIVE	FLAMMABLE	POISON
		SIC # 2076 Veget-Oil CLASSIFICATION								
		Ship To:								
		Scientific Chemical Processing								
		411 Wilson Avenue								
		Newark, N.J.								
		NJBSWM # 02086002								
		Facility ID # 0205 A								
		Date 7-6-78 Rec'd William T Fox								
		NL Industries								
		40 Avenue A								
		Bayonne, N.J.								

I attest that none of the listed materials are explosive or radioactive.

NAME DATE

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON

WASTE MATERIAL

DIVISION _____ ROOM NO. _____

CONTAINER		NAME OF MATERIAL AND COMPOSITION	PHYSICAL STATE Check One				HAZARD Check One			
QUANTITY	SIZE		SOLID	LIQUID	GAS	SEMI-SOLID	WATER-REACT	CORROSIVE	FLAMMABLE	POISON
84	#375	Rheox 53 x		X		X			X	

I attest that none of the listed materials are explosive or radioactive.

NAME _____ DATE _____

COLOR CODE KEY

RED – FLAMMABLE
BROWN – CORROSIVE
YELLOW – OXIDIZER
BLUE – POISON
GREEN – WATER REACTIVE

HAZARDOUS MATERIAL DRUMS

7/6/85

Quantity	Waste Code	Type Container	Size Container	Container Markings	Materials	Lot No's	% Solvents		Approx. lb
84	20413	11	05	06	Rheox 53x	8A23-01	60(±)2% (Reacted)	Xylene	31,500

Form YHW-001
2/88

DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE ADMINISTRATION

D

1st load to Scientific

SPECIAL WASTE MANIFEST

A 13710

SECTION I TO BE COMPLETED BY THE SPECIAL WASTE GENERATOR

Plant Identification Number
Pick-Up Date MO. DAY YR.
Company Name NL
Pick-Up Address 35 Ave A
Name of Hauler Scientific Chem. Address 216 Fairview Rockfield
Name of Facility Address Carlstadt

Emergency Spill Phone Nos.: 609-292-5560 or 609-292-7172

Handling Instructions:

	Waste Type	Number of Containers	Physical State	Hazard ID.	Total Quantity Identify units in pounds or gallons use P for pounds and G for gallons	Pounds or Gallons	SECTION V TO BE COMPLETED BY THE SPECIAL WASTE FACILITY OPERATOR Rejected Amount
1.	Acid Solution						
2.	Alkaline Solution						
3.	Arsenic Residues						
4.	Catalyst Residues						
5.	Cyanide Residues						
6.	Chlorinated (Dioxin, Furan) Residues						
7.	Etching, Pickling, & Plating Residue						
8.	Explosive Residue						
9.	Filter Clays, Filter Aids						
10.	Ester, Alcohol, Ether, Ketone, Glycol Residues						
11.	Heavy Metal Residue						
12.	Organic and Heavy Metal Residue Mixture						
13.	Latex Residue						
14.	Peroxide						
15.	Oil and Oil Sludges, Emulsions						
16.	Paint and Pigment Residues	84	S	F	31500	P	
17.	Pesticides						
18.	Pharmaceutical Wastes (Drugs, etc.)						
19.	Lacramators, Amines, Mercaptans, Amide						
20.	Plasticizer, Resin, Monomer, Elastomer Residues						
21.	PCB,PBB Contaminated Materials						
22.	Solvent, Halogenated Organic						
23.	Solvent, Mixed						
24.	Still Bottoms						
25.	Radioactive Residue						
26.	Tetraethyl Lead Residues						
	Other (See Instructions)						
27.							
28.							
29.							
30.							

I certify that the above information is correct to the best of my knowledge.
Date _____ Signature and Title _____

SECTION II TO BE COMPLETED BY THE SPECIAL WASTE HAULER

I certify that the described quantity of material(s) listed in Section I was collected by me.
Date 2-6 Signature _____ Vehicle License Plate Number State NJ Number XKD 175

SECTION III TO BE COMPLETED BY THE SPECIAL WASTE HAULER

Name of Hauler _____ Address _____
I certify that the described quantity of material (s) listed in Section I was hauled by me to the Special Waste Facility named in Section I
Date _____ Signature _____ Vehicle License Plate Number

SECTION IV TO BE COMPLETED BY THE SPECIAL WASTE FACILITY

Name of Facility _____ Address _____
Registration Number _____ Date Waste Received _____ Accepted Rejected
I certify that the hauler stated above delivered the waste described in Section I to this Facility.

Date _____ Signature and Title _____

Scientific 589-7777

D – ADMINISTRATION COPY

DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE ADMINISTRATION

E

SPECIAL WASTE MANIFEST

A 13710

SECTION I TO BE COMPLETED BY THE SPECIAL WASTE GENERATOR

Plant Identification Number ☐☐☐☐☐☐ Pick-Up Date ☐☐/☐☐/☐☐ (MO. DAY YR.)

Company Name

Pick-Up Address

Name of Hauler Address

Name of Facility Address

Emergency Spill Phone Nos.: 609-292-5560 or 609-292-7172

Handling Instructions:

	Waste Type	Number of Containers	Physical State	Hazard ID.	Total Quantity Identify units in pounds or gallons use P for pounds and G for gallons	Pounds or Gallons	SECTION V TO BE COMPLETED BY THE SPECIAL WASTE FACILITY OPERATOR Rejected Amount
1.	Acid Solution						
2.	Alkaline Solution						
3.	Arsenic Residues						
4.	Catalyst Residues						
5.	Cyanide Residues						
6.	Chlorinated (Dioxin, Furan) Residues						
7.	Etching, Pickling, & Plating Residue						
8.	Explosive Residue						
9.	Filter Clays, Filter Aids						
10.	Ester, Alcohol, Ether, Ketone, Glycol Residues						
11.	Heavy Metal Residue						
12.	Organic and Heavy Metal Residue Mixture						
13.	Latex Residue						
14.	Peroxide						
15.	Oil and Oil Sludges, Emulsions						
16.	Paint and Pigment Residues						
17.	Pesticides						
18.	Pharmaceutical Wastes (Drugs, etc.)						
19.	Lacramators, Amines, Mercaptans, Amide						
20.	Plasticizer, Resin, Monomer, Elastomer Residues						
21.	PCB,PBB Contaminated Materials						
22.	Solvent, Halogenated Organic						
23.	Solvent, Mixed						
24.	Still Bottoms						
25.	Radioactive Residue						
26.	Tetraethyl Lead Residues						
	Other (See Instructions)						
27.							
28.							
29.							
30.							

I certify that the above information is correct to the best of my knowledge.
Date _____ Signature and Title _____

SECTION II TO BE COMPLETED BY THE SPECIAL WASTE HAULER

I certify that the described quantity of material (s) listed in Section I was collected by me.
Date _____ Signature _____ Vehicle License Plate Number State NJ Number XKD175

SECTION III TO BE COMPLETED BY THE SPECIAL WASTE HAULER

Name of Hauler _____ Address _____
I certify that the described quantity of material (s) listed in Section I was hauled by me to the Special Waste Facility named in Section I
Date _____ Signature _____ Vehicle License Plate Number ☐☐ ☐☐☐☐☐☐☐

SECTION IV TO BE COMPLETED BY THE SPECIAL WASTE FACILITY

Name of Facility _____ Address
Registration Number ☐☐☐☐☐ Date Waste Received ☐☐/☐☐/☐☐ ☐ Accepted ☐ Rejected
I certify that the hauler stated above delivered the waste described in Section I to this Facility.

Date _____ Signature and Title _____

E – GENERATOR COPY

ATTACHMENT III

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

DEC 28 1984

Ms. Janet Smith
NL Industries
1230 Avenue of the Americas
New York, N.Y. 10020

RE: Kin-Buc Landfill Disposal Records:
NL Industries

Dear Ms. Smith:

This is in response to your recent request for all records in the possession of the Environmental Protection Agency which relate to disposal of material at the Kin-Buc Landfill by your company. These records consist, in total, of one or both of the following:

- Scientific, Inc. invoices representing billings by Scientific's chemical and industrial waste divisions, primarily for the period of 1972 to 1976. Copies of the actual invoices are provided were applicable.

- Earthline Company disposal summaries. These are individual pages for each generator/transporter for the years 1975-1976. Again, copies of these pages are enclosed where applicable. These were provided to EPA by SCA Services and verified by comparison with the actual invoices. The invoices themselves have been entered as exhibits in the current litigation, Earthline vs. Scientific.

In addition, I am enclosing a computer summary of this information. I trust that this information fully satisfies your request.

Sincerely,

John V. Czapor
Site Investigations and Compliance Branch

GENERATORS NL INDUSTRIES

DATE	TRANSPORTER	TRANSPORTER-CITY	CHEMICAL NAME	QUANT	REPORTED UNITS	EQUAL VOL IN 1000 GAL	INVOICE REMARKS
72/11/02		PERTH AMBOY	WASTE/SPENT SOLVENTS	00000	1000 GAL.	0.00 0331	
72/11/16		PERTH AMBOY	WASTE/SPENT SOLVENTS	00000	1000 GAL.	0.00 7000	
73/01/10		NIGHTSTOWN	WASTE CHEMICALS	00000	DEE COMENT	0.00 0001	CONTAINERS
73/01/26		PERTH AMBOY	WASTE/SPENT SOLVENTS	00000	GALLONS	0.00 0000	
73/01/29		PERTH AMBOY	WASTE/SPENT SOLVENTS	00000	DRUMS	4.40 0070	
73/01/31		PERTH AMBOY	WASTE MATERIAL	00030	YARDS	0.00 0040	BAGS
73/02/26		PERTH AMBOY	WASTE/SPENT SOLVENTS	00001	DRUMS	3.30 0701	
73/02/28		PERTH AMBOY	WASTE MATERIAL	00005	DEE COMENT	0.00 0005	LOADERS OF BAGS
73/03/31		PERTH AMBOY	WASTE MATERIAL	00030	YARDS	0.00 0002	BAGS
73/04/03		PERTH AMBOY	WASTE MATERIAL	00000	YARDS	0.00 0035	BAGS
73/04/30		PERTH AMBOY	WASTE MATERIAL	00000	YARDS	0.00 0071	BAGS
73/05/00		PERTH AMBOY	WASTE/SPENT SOLVENTS	00000	1000 GAL.	0.00 0001	
73/05/22		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0144	
73/05/31		PERTH AMBOY	WASTE MATERIAL	00000	YARDS	0.00 0002	BAGS
73/06/13		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0225	
73/07/10		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0323	
73/07/31		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0305	
73/08/23		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0450	
73/08/23		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0450	
73/09/21		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0040	
73/10/17		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0040	
73/11/15		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0777	
74/01/24		PERTH AMBOY	WASTE MATERIAL	00000	1000 GAL.	0.00 0010	

* MIXED AMOUNTS. EQUAL QUANTITIES ASSUMED

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION II
KIN AUC INVOICES

GENERATOR: NL INDUSTRIES

DATE	TRANSPORTER	TRANSPORTER-CITY	CHEMICAL NAME	QUANT.	REPORTED UNITS	EQUAL VOL IN 1000 GAL	INVOICE	REMARKS
74/03/04		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	10020	
74/04/10		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	10307	
74/05/20		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	10340	
74/06/27		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	10523	
74/08/07		HIGHSTOWN	HAZARDOUS MATERIALS	01995	GALLONS	1.50	10600	
74/08/07		HIGHSTOWN	WASTE MATERIAL	00140	GALLONS	0.14	10600	
74/08/26		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	10727	
74/10/22		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	10840	
74/11/18		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	11053	
75/01/01		PERTH AMBOY	WASTE CHEMICALS	00004	1000 GAL.	24.00	975006	
75/01/31		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	11302	
75/02/14		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	11341	
75/04/17		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	11573	
75/06/06		PERTH AMBOY	WASTE MATERIAL	00012	1000 GAL.	12.00	11818	
75/06/13		PERTH AMBOY	WASTE MATERIAL	00006	1000 GAL.	6.00	11868	
75/07/02		PERTH AMBOY	WASTE/SPENT SOLVENTS	07000	GALLONS	7.50	11907	
75/07/07		PERTH AMBOY	WASTE/SPENT SOLVENTS	07000	GALLONS	7.50	12027	
75/07/10		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	12047	
75/08/15		PERTH AMBOY	WASTE MATERIAL	00004	1000 GAL.	6.00	12307	
75/08/27		PERTH AMBOY	WASTE/SPENT SOLVENTS	00004	1000 GAL.	6.00	12380	
76/01/01		PERTH AMBOY	ACID & ALKALINE SOLUTION	00110	GALLONS	0.11	978283	
76/01/01		PERTH AMBOY	WASTE CHEMICALS	00110	GALLONS	0.11	978283	
76/01/01		PERTH AMBOY	WASTE WATER/LIQUID	10000	GALLONS	10.00	978283	

* USED SHIPMENT, EQUAL QUANTITIES ASSUMED

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION II
RIN QUE INVOICES

GENERATOR: NL INDUSTRIES

DATE	TRANSPORTER	TRANSPORTER-CITY	CHEMICAL NAME	QUANT	REPORTED UNITS	EQUAL VOL IN 1000 GAL	INVOICE	REMARKS
76/01/01		PERTH AMBOY	WASTE CHEMICALS	00009	POUNDS	2.88	874983	

* MIXED SHIPMENT, EQUAL QUANTITIES ASSUMED

576211

Kin-Buc Landfill

1976

1. **Generator:** (Multiple addresses indicate various locations of same generator)

National Lead Industries
1050 State Street
Perth Amboy, N.J.

2. **Type and Volume of Waste**

	Gallons	Drums	Pounds	Cubic Yards	Total
Chemical Wastes	110	52			2970
Oil					
Acids & Alkalines	115				115
Industrial Sludges					
Industrial Waste Water	19,800				19,800
Septic					
Total	20025				22,885

Kin-Buc Landfill

1975

1. **Generator:** (Multiple addresses indicate various locations of same generator)

N. L. Industries
1050 State Street
Perth Amboy, NJ

2. **Type and Volume of Waste**

	Gallons	Drums	Pounds	Cubic Yards	Total - gallons
Chemical Wastes	24,000				24,000
Oil					
Acids & Alkalines					
Industrial Sludges					
Industrial Waste Water					
Septic					
Total	24,000				24,000

Scientific Inc. INVOICE Formerly

SCIENTIFIC CHEMICAL TREATMENT CO., INC.

SALES ORDER # 8331

DATE 11/2/72

P. O. Box 1403
Ft. of Meadow Rd.
Edison, N. J. 08817
201-985-6602

Industrial Disposal Division Please Remit To:
14003

SHIP TO ☐ PICK UP AT ☐
(SAME AS SOLD TO UNLESS INDICATED)

SOLD TO
J.L. Industries
State St.
Perth Amboy, New Jersey

INVOICE NO.	YOUR ORDER NO.	TERMS	SHIPPED VIA	PPD.	COLL.
C. Schuster	PA 16701	Net 10 Days	Scientific Inc.		

QTY. APPROXIMATE	QTY. ACTUAL	DESCRIPTION	PRICE	AMOUNT
1 T/W	11/2/72	Waste Disposal Service		
		1 T/W Scrap Waste Solvent 6000 Gal.	@.05/gal.	$300.00
		Charge for ½hr. Delay Time	@$12.00/hr	$ 6.00
				$306.00
		ehs 11-6-72		P.A.

603-$300.00

2 Free Hours Loading Time-Delay Time Charged At $12.00 Per Hour (½ hour base)

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF

ScientificIInc. INVOICE Formerly

SCIENTIFIC CHEMICAL TREATMENT CO., INC.

Chemical Disposal Division Please Remit To:
14003

SALES ORDER # 7805
DATE 11/16/72

P. O. Box 1403
Fr. of Meadow Rd.
Edison, N. J. 08817
201-985-6602

SHIP TO ☐ PICK UP AT ☐
(SAME AS SOLD TO UNLESS INDICATED)

SOLD TO
N.L. Industries
State Street
Perth Amboy, N.J.

INVOICE NO.	YOUR ORDER NO.	TERMS	SHIPPED VIA	PPD.	COLL.
	PA 16701	Net 10 Days	Scientific Inc.		

QTY. APPROXIMATE	QTY. ACTUAL	DESCRIPTION	PRICE	AMOUNT
1 T/W		Waste Disposal Service		
	11/16/72	1 T/W 6000 Gallons Waste Solvent.	$.05/Gal.	$300.00
		NOTE: Charged For 1½ hour Delay Time.	$12.00/hr	$18.00
				$318.00
603-$318.00				PD
	11-20-72			
2 Free Hours	Loading Time	Delay Time Charged At $12.00 Per Hour.	(½ hour chgs.)	

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 8651

INQUIRE TO
383 MEADOW RD., EDISON, N. J 08817
201-985-6602

14007

SOLD TO
(NL Industries)
National Lead Company
Research and Development
Wyckoff Mill Road
Hightstown, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
1/19/73	3-216	1/17/73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

9 Containers of Waste Hazardous Chemicals. @$150.00/Ld. $150.00

605-$150.00

MB 1-22-73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322 6767

INVOICE No. 8666

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985 6602

14003

SOLD TO

NL Industries
State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
1/26/73	PA-16060 ~~XXX1313X~~	1/25/73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/W 6000 gallons of Waste Solvent.	@$.05/gal.	$300.00

603-$300.00

1-29-73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201 322 6767

INVOICE No. 8670

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985 6602

14003

SOLD TO

NL Industries
State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
1/29/73	PA 16181	1/25/73		Sci. Inc.	NET 10 DAYS

	WASTE DISPOSAL SERVICES		
	80 Drums of Waste Scrap Solvent.	@$5.00/drm.	$400.00
602-$400.00	1-31-73		

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.
P. O. BOX 31
1703 E. SECOND STREET
SCOTCH PLAINS, NEW JERSEY 07076

Invoice No. 8050

Customer's [redacted] 16180 Box 14003

Date 1/31/73

SOLD TO
N. L. Industries
State Street
Perth Amboy, N. J.

SHIPPED TO

DATE SHIPPED	SHIPPED VIA	TERMS	F.O.B.	SALESMAN	Purchase Order
		Net 10 days			16180

	Waste Disposal Service		
	1 30-yard open top Container Waste Bags	60.00 each	60.00
705-60.00			

Landfill
YVC

Rediform®
75-720

INVOICE

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 8781

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO

NL Industries
State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
2/26/73	PA 16181	2/23/73		Sci. Inc.	NET 10 DAYS

	WASTE DISPOSAL SERVICES		
	(80 Drum Minimum Pick up)		
	61 Drums of Waste Scrap Solvent.	$5.00/drm.	$400.00
602-$400.00	APW 3/12/73		

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 8992

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985-6602

14003

SOLD TO

NL Industries
State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
4/14/73	PA 16181	2/26/73	Credit on Account		NET 10 DAYS

WASTE DISPOSAL SERVICES

Credit on Account to Invoice #8781 in the Amount of($95.00).

($95.00)

602-($95.00)

HPW 4/16/73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL LINE

SCIENTIFIC, INC.
P. O. BOX 31
1703 E. SECOND STREET
SCOTCH PLAINS, NEW JERSEY 07076

Invoice No. 8055 Customer's ~~Order No.~~ 14003 Date 2/28/73

SOLD TO: N L Industries
State Street
Perth Amoby, N.J.
14003

SHIPPED TO:

DATE SHIPPED	SHIPPED VIA	TERMS	F.O.B.	SALESMAN	Purchase Order
		Net 10 days			# 16180

		Waste Disposal Service		
	3 Back End Loaders	Waste Bags	60.00 ea.	$180.00
	Waste Material	3 Sea Containers	Loaders [illegible]	
705				

Redifprm

INVOICE

SCIENTIFIC, INC.
P. O. BOX 31
1703 E. SECOND STREET
SCOTCH PLAINS, NEW JERSEY 07076

Invoice No. 8062 Customer's [redacted] 14003 Date 3/31/73

SOLD TO
N L Industries
State Street
Perth Amboy, N.J.

SHIPPED TO
14003

DATE SHIPPED	SHIPPED VIA	TERMS	F.O.B.	SALESMAN	Purchase Order
		Net 10 days			#16180

	Waste Disposal Service			
	1 30-yard opentop Container Waste Bags	60.00	ea.	$60.00
	325-$22.50 425-$37.50			

Rediform
75 729

INVOICE

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 8935

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985 6602

14005

SOLD TO

NL Industries
State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
6/3/73	PA 16181	5/2/73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/L 80 Drums of Waste Material.	@$5.00 ea.	$400.00

602-$400.00

HPW 5/9/73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF

SCIENTIFIC, INC.
P. O. BOX 31
1703 E. SECOND STREET
SCOTCH PLAINS, NEW JERSEY 07076

Invoice No. 8071 Customer's [redacted] No. 8062 Date 4/30/73

SOLD TO
N L Industries
State Street
Perth Amboy, N. J.

SHIPPED TO

DATE SHIPPED	SHIPPED VIA	TERMS	F.O.B.	SALESMAN	P. O. #
		Net 10 days			16180

		WASTE DISPOSAL SERVICE			
		1x 2 30-yard opentop Container Waste Bags	60.00	Each	[redacted] $120.00
325-45.00 425-75.00	2+30-60=75-45				

Rediforms
75 729

INVOICE

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-8767

INVOICE No. 1091

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO

NL Industries
State Street
P.O. Box 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
5/9/73	~~PA-16060~~	5/8/73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/W 6000 Gallons of Waste Solvent.	@$.05/gal.	$300.00

603-$300.00

HPW 5/10/73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 9144

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO

NL Industries
P.O. Box 831
Perth Amboy, New Jersey
08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
5/22/73	PA-16100	5/18/73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/W 6000 Gallons of Waste Material. $.05/gal. $300.00

603-$300.00

HPW 5/23/73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

SCIENTIFIC, INC.
P. O. BOX 190
1700 E. SECOND STREET
SCOTCH PLAINS, NEW JERSEY 07076

Industrial Disposal Division

Invoice No. 8082 Customer's Order No. 14003 Date 5/31/73

SOLD TO
N. L. Industries
State Street
Perth Amboy, N. J.

SHIPPED TO

DATE SHIPPED	SHIPPED VIA	TERMS	F.O.B.	SALESMAN	Purchase Order
		Net 10 days			#16180

	Waste Disposal Service			
	2 30-yard open top containers Waste Bags	60.00/load		120.00
	2 @ 30 = 60 = 45.00			
325-45.00 425-75.00				

Rediforms

SCIENTIFIC, INC.

140 REMIT TO
BOX 34, SCOTCH PLAINS, N. J. 07076
201-322-6707

INVOICE No. 2225

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO

N.L. Industries
P.O. Box 831
Porth Amboy, New Jersey
08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
6/13/73	PA-16060	6/12/73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/W 6000 Gallons of Waste Material. @$.05/gal. $300.00

600-603-$300.00

APPD 6/14/73

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 30, SCOTCH PLAINS, N. J. 07076
201 322 6767

INVOICE No. 9323

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985 6602

14003

SOLD TO

N.L Industries,
P.O.Box 831
Perth Amboy, N.J.
08862.

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
7/10/73	PA-16060	7/5/73		Sci.Inc	NET 10 DAYS

WASTE DISPOSAL SERVICES

	1, T/W, 6,000 gallons of Waste Material	@$.05/gal	$300.00

603-$300.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF

SCIENTIFIC, INC.

REMIT TO
BOX 39, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 9395

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
N.L. Industries
P.O. Box 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
7-31-73	PA-16060	7-30-73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES		
1 T/W 6,000 gallons to Waste Material	$.05/gal.	$300.00
Note: Charge of ½ hour delayed time	$12.00/hr.	$ 6.00
TOTAL		$306.00

603-$306.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-8767

INVOICE No. 9459

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
NL Industries
P.O. BOX 831
Perth Amboy, N.J. 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
8-23-73	PA-16060	8-16-73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES		
1 T/W 6,000 gal of waste material	$.05/gal	$300.00
Note:charged for3/4 hr. delayed time	$12.00/hr.	$9.00
Total		$309.00

600-603-$309.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

170 REMIT TO
BOX 217 SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 9546

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
N.L. Industries
P.O. BOX 831
Perth Amboy, New Jersey 08362

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
9-21-73	PA-16060	9-14-73		Sci. Inc.	NET 10 DAYS

	WASTE DISPOSAL SERVICES		
	1 T/W 6,000 gallons of waste material	$.05/gal	$300.00
	Note: Charged for ½ hr. delayed time	$12.00/hr	$ 6.00
	Total		$306.00

603-$306-00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 9646

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003 ✓

SOLD TO
N.L. Industries
P.O. BOX 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
10-17-73	PA-16060	10-15-73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES		
1 T/W 6,000 gallons of waste material	$.05/gal	$300.00
NoteCharged for ½ hr. delayed time	$12.00/hr	$ 6.00
Total		$306.00

603-$306.00 ✓

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 39, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 9737

INQUIRE TO
300 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
N.L. Industries
P.O. BOX 831
Porth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
11-15-73	PA-16060	11-14-73		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES		
1 T/W 6,000 gallons of waste materiall	$.05/gal	$300.00
Note: Charged for ½ hr.delayed time	$12.00/hr	$ 6.00
Total		$306.00

603-$306.00 ✓

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

SCIENTIFIC, INC.

REMIT TO
BOX 36, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 9916

INQUIRE TO
393 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
N.L. Industries
P.O. BOX 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
1-24-74	PA-16060	1-23-74		sci.inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES		
1 T/T 6,000 gallons of waste material	$.05/gal	$300.00
Note: Charged for ½ hr. delayed time	$12.00/hr	$ 6.00
		$306.00

603-$306.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

SCIENTIFIC, INC.

REMIT TO
BOX 30, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 10028

INQUIRE TO
393 MEADOW RD., EDISON, N. J. 08817
201 985 6602

14003

SOLD TO
N.L. Industries
P.O. Box 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS NET 10 DAYS
3-4-74	PA-16060	2-25-74		sci. inc.	
	WASTE DISPOSAL SERVICES 1 T/V 6,000 gallons of waste material			$.05/gal	$300.00

603-$300.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

INVOICE NO. 10207

14003

SOLD TO
N.L. Industries
P.O. Box 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
4-10-74	PA-16060	4-8-74		sci.inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/W 6000 gallons of waste material $.05/gal $300.00

603-$300.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

INVOICE No. 10340

14003

SOLD TO
N.L. Industries
P.O. Box 831
Perth Amboy, New Jersey 08862

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
5-20-74					NET 10 DAYS
5-20-74	PA-16060	5-14-74		sci.inc.	

WASTE DISPOSAL SERVICES

1 T/W	6000 gallons of waste material	$.05/gal	$300.00

SJG

603-$300.00

M

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 10668

INQUIRE TO
303 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14007

SOLD TO
(NL Industries)
National Lead Co.
Research and Development
Wycoff Mill Road
Hightstown, N.J.

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
8/7/74	4 - 1741	8/5/74		Sci. Inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES

Hazardous Waste Chemicals

80	5 gallon pails hazardous waste materials	$23.00 ea	$1840.00
25	Lecture cylinders	$11.50 ea.	$ 237.50
21	55 gallon drums of packed hazardous	$115.00 ea.	$2415.00
3	55 gallon drums of nonhazardous	$8.00 ea.	$ 24.00
	Total		$4566.50

605-$4542.50
601-$ 24.00

3

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 10121

INQUIRE TO
380 MEADOW RD., EDISON, N. J. 08817
201-985-6602

1[illegible]03

SOLD TO
N.I. Industries
P.O. Box 831
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
8-26-74	PA-16060	8-23-74		sci.inc.	NET 10 DAYS

WASTE DISPOSAL SERVICES 1 T/w 6000 gallons of waste material	$.05/gal	$300.00

SJL
603-$300.00

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

ORIGINAL FILE

SCIENTIFIC, INC.

REMIT TO
BOX #150 SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 10940

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
N.L. Industries
P.O. Box 031
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
10-22-74	PA-16060	10-16-74		sci, inc	NET 10 DAYS

WASTE DISPOSAL SERVICES		
1 T/W 6000 gallons of waste material	$.05/gal	$300.00

603-$300.00-6000 gallons

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

190 REMIT TO
BOX 81, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No 11053

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO

N.L. Industries
P.O. Box 631
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
11-18-74	16181	11-14-74		sci.inc	NET 10 DAYS

	WASTE DISPOSAL SERVICES		
	1 T/W		
	6000 gallons of waste material	$.05/gal	$300.00
603-$300.00	6000 gallons		

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

SCIENTIFIC, INC.

190

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 11302

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO

N.L. Industries
P.O. Box 631
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
1-31-75	16060	1-30-75		sci.inc	NET 10 DAYS

WASTE DISPOSAL SERVICES

1 T/W 6000 gallons of waste material $.05/gal $300.00

603-$300.00-6000 gallons

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

HISTORICAL FILE

SCIENTIFIC, INC.

190 REMIT TO
BOX 31 SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 11341

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

14003

SOLD TO
N.L. Industries
P.O. Box 631
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
2-14-75	16060	2-11-75		sci.inc	NET 10 DAYS

	WASTE DISPOSAL SERVICES	
1 T/W	6000 gallons of waste material	$.05/gal $300.00
	Charged for 3 hours delayed time	$12.00 hr $36.00
		$336.00

603-$336.00 6000 gallons and 3 hours

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

HISTORICAL FILE

SCIENTIFIC, INC.

REMIT TO
BOX 31, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 11573

INQUIRE TO
303 MEADOW RD., EDISON, N. J. 08817
201-985-6602

SOLD TO
NL Industries
National Lead Co.
State Street
Perth Ambby, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
4/17/75	M 1731	4/16/75		Sci Inc	NET 10 DAYS

4/17/75	WASTE DISPOSAL SERVICES 1 T/W 6,000 gallons of waste material	$05/gal	$300.00
	1½ hours delayed time	$ 13.00/hr	$24.00
		Total	$324.00

603-~~$324.00~~-6,000 gallons-1½hour

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

HISTORICAL FILE

14003

SCIENTIFIC, INC.

Box 100 REMIT TO
SCOTCH PLAINS, N. J. 07076
201-322 6767

INVOICE No. 11810

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985 6602

SOLD TO
N.L. Industries
1050 State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
6/6/75	M 1961 M 1962	6/4/75		Sci Inc	NET 10 DAYS
	WASTE DISPOSAL SERVICES				
6/4/75	2 T/W's 12,000 gallons waste material		@	$.05/gal	$600.00
	2 1/2 hours delayed time		@	$12.00/hr	30.00
				TOTAL	$630.00

603-$630.00-12,000 gals.

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

14003

SCIENTIFIC, INC.

Box 190 REMIT TO
SCOTCH PLAINS, N. J. 07076
201 322 6767

INVOICE No. 11865

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985 6602

SOLD TO

N.L. Industries
1050 State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
6/13/75	verbal	6/13/75		Sci Inc.	NET 10 DAYS
	WASTE DISPOSAL SERVICES				
6/13/75	1 T/W 6,000 gals. waste material		8	$.05/gal	$300.00

- 603-$300.00-6,000 gals.

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

14003

SCIENTIFIC, INC.

Box 19[illegible]
[illegible]

INVOICE No. 11977

INQUIRE TO

SOLD TO

N.L. Industries
1050 State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
7/2/75	verbal	7/1/75		L.H.	NET 10 DAYS /
	WASTE DISPOSAL SERVICES				
7/1/75	1-T/W 7,500 gals. waste scrap solvent		@	$.05/gal.	$375.00

2-603-$375.00-7,500 gals.

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

NUMERICAL FILE

14003

SCIENTIFIC, INC.

Box 190 REMIT TO
~~BOX~~ 61, SCOTCH PLAINS, N. J. 07076
201-322-6767

INVOICE No. 12027

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201-985-6602

SOLD TO
N.L. Industries
1050 State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
7/7/75	verbal	7/7/75		Sci Inc	NET 10 DAYS

WASTE DISPOSAL SERVICES

7/7/75	1-T/W 7,500 gals. waste scrap solvent @	$.05/gal.	$375.00

603-$375.00-7,500 gals.

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

14033

SCIENTIFIC, INC.

Box 1[illegible]

MAIL TO

[illegible] SCOTCH PLAINS, N.J. 07076

201 322 6767

INVOICE No. 12047

INQUIRE TO

[illegible] MEADOWRD [illegible]

201 [illegible] 6602

SOLD TO

N.L. Industries
1050 State Street
Perth Amboy, N.J.

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
					NET 10 DAYS
7/10/75	verbal	7/10/75		Sci Inc	
	WASTE DISPOSAL SERVICES				
7/10/75	1 T/W 6,000 gals. waste material		@	$.05/gal	$300.00

603-$300.00-6,000 gals.

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF

14003

SCIENTIFIC, INC.

REMIT TO
Box 190
SCOTCH PLAINS, N. J. 07076
201 322 6767

INVOICE No. 12307

INQUIRE TO
383 MEADOW RD., EDISON, N. J. 08817
201 985 6602

SOLD TO
N.L. Industries
1050 State Street
Perth Amboy, N.J.

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
8/15/75	verbal	8/14/75		J.S.	NET 10 DAYS

	WASTE DISPOSAL SERVICES			
8/14/75	1 T/W 6,000 gals. waste material	6	$.06/gal	$360.00

2-603-$360.00-6,000 gals.

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

14003

SCIENTIFIC, INC.

BOX 190 REMIT TO
SCOTCH PLAINS, N. J. 07076
201-322 6767

INVOICE No. 12389

INQUIRE TO
383 MEADOW RD., EDISON, N J 08817
201 985 6602

SOLD TO

N.L. Industries
1050 State Street
Perth Amboy, New Jersey

SHIPPED TO

(SAME AS SOLD TO UNLESS INDICATED)

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED		SHIPPED VIA	TERMS
8/27/75	J- M-2249	8/26/75		Sci Inc.	NET 10 DAYS
8/26/75	WASTE DISPOSAL SERVICES 1 T/W 6,000 gals. waste solvents		@	$.06/gal	$ 360.00

603-$360.00-6,000 gals.
ZX

SUBJECT TO TERMS & CONDITIONS SPECIFIED ON REVERSE SIDE HEREOF.

HISTORICAL FILE

ATTACHMENT IV

SCP Newark

CRUMMY, DEL DEO, DOLAN, GRIFFINGER & VECCHIONE

RALPH N. DEL DEO
JOHN T. DOLAN
MICHAEL R. GRIFFINGER
FRANK J. VECCHIONE
PETER J. CARTON
PETER E. HENRY
JOHN A. RIDLEY
ROBERT W. DELVENTHAL
DAVID J. SHEEHAN
DAVID M. HYMAN
DONALD H. STECKROTH
RICHARD S. ZACKIN
FRANK B. REILLY, JR.
ARNOLD B. CALMANN
JOHN H. KLOCK
ANN G. McCORMICK
FREDERICK C. KENTZ, III
PAUL R. DeFILIPPO
BRIAN J. McMAHON
MICHAEL D. LOPRETE
BARRY A. OSMUN

ANDREW B. CRUMMY (1895-1981)

A PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

GATEWAY I

NEWARK, N. J. 07102

201-622-2235

SUBURBAN OFFICE
MAIN STREET
P.O. BOX 74
BEDMINSTER, N.J. 07921
201-781-0200

CABLE-TELEX:
CRUMMY-NWK
138154

KAREN A. GIANNELLI
PHILIP W. CRAWFORD
IRA J. HAMMER
MARK T. KARINJA
MARY ANNE McDONALD
FREDRICA HOCHMAN
RUSSELL B. BERSHAD
KERRY M. PARKER
SUSANNE PETICOLAS
MICHAEL F. QUINN
JOSEPH R. D'AMORE
ALAN H. PERZLEY
CARLENE G. CARRABBA
GERALDINE E. PONTO
JOANNE M. CALANDRA
MICHAEL J. LERNER
ALYCE C. HALCHAK
HERBERT B. BENNETT
A. EUGENE HULL, JR.
CORNELIUS P. McCARTHY, III
ROCHELLE M. SOBEL
PAUL M. ANTINORI
ANN M. SCHMIDT
JOSEPH A. TORCIVIA
GARY F. WERNER

RECEIVED
SEP 6 1985

September 3, 1985

Janet Smith, Esq.
NL Industries, Inc.
1230 Avenue of the Americas
New York, New York 10020

RE: CARLSTADT

Dear Ms. Smith:

The Allocation Committee for Carlstadt has met. They have preliminarily worked out a rough method of allocating the cost of the Responsibility Implementation and Feasibility Study. A copy of the proposed allocation formula is enclosed. The Responsibility Implementation and Feasibility Study is estimated to cost about $750,000.00 by the EPA. Of course, the Carlstadt Steering Committee wishes to have the study done more cheaply.

The attached allocation formula proposes three methods of allocation. One method is a per capita method, which is listed at the top. The second is a volumetric method, which is listed in the middle three columns. The last method is a tier method. There are two tiers set forth on the chart. Under the tier method, there are two separate methods of setting forth tiers. One is a two-tiered system. The volumetric method is purely documentary in terms of waste into the site. The documents which exist are primarily from 1977 forward. Twenty-five percent of the material based upon the extant documentation belongs to Mobay Chemical. Mobay indicated it would not sign an allocation scheme addressed to volume. Thus, a compromise was suggested by Mr. Rodburg of the Lowenstein firm which would accommodate Mobay. Basically, everyone would contribute $1,000.00, thereby removing $140,000 from any allocation scheme. All potentially responsible parties could choose either the volume

or a six-tier system, whichever is less. In other words, everyone would contribute $1,000 plus the lesser of the volumetric tabulation or tier placement. Only the largest generators benefit from the scheme. The overwhelming consensus was for the Rodburg compromise.

Please review the foregoing and let me have the benefit of your comments.

Very truly yours,

John H. Klock

JHK/cb
Encl.

cc: Mr. James Doherty (w/encl.)

CARLSTADT ALLOCATION SCHEMES August 14, 1985; File:Wilson/Carlstadt/0-10
Waste In list: From NJ Manifests per EPA
Number of "Generators": 141
Per Capita:$650000= 4610 $1000000= 7092 $1300000= 9220

Carlstadt "Generator"	Quantity 1000 gals	%	* * * * * Volumetric $650,000	$1,000,000	$1,300,000	* * * * * * * * TIERS 2/4/8/15	7.5/15
Air Products	97.28	1.335%	8678	13350	17356	15000	15000
Alfa Ink	8.03	0.110%	716	1102	1433	4000	7500
All Purpose Roll Leaf	49.50	0.679%	4416	6793	8831	8000	15000
Allied Corporation	37.88	0.520%	3379	5199	6758	8000	15000
Almo AntiPollution Serv	7.50	0.103%	669	1029	1338	4000	7500
American Flange	2.09	0.029%	186	287	373	2000	7500
American Hoechst	9.05	0.124%	807	1242	1615	4000	7500
American Inks & Coatings	5.00	0.069%	446	686	892	2000	7500
American Standard	7.31	0.100%	652	1003	1304	4000	7500
Armstrong World Ind	39.97	0.549%	3566	5485	7131	8000	15000
Arrow Group Industries	9.00	0.124%	803	1235	1606	4000	7500
Ashland	229.99	3.156%	20516	31563	41032	15000	15000
BASF Wyandotte	7.04	0.097%	628	966	1256	2000	7500
Bee Chemical	3.00	0.041%	268	412	535	2000	7500
Benjamin Moore	79.00	1.084%	7047	10842	14094	15000	15000
Ber Mar Mfg	54.15	0.743%	4830	7431	9661	8000	15000
Borden	82.62	1.134%	7370	11339	14740	15000	15000
Browning Ferris	49.50	0.679%	4416	6793	8831	8000	15000
Capital Magnetics	16.15	0.222%	1441	2216	2881	4000	7500
Cecos Intl (Newco)	4.00	0.055%	357	549	714	2000	7500
Chemcoat	25.20	0.346%	2248	3458	4496	4000	7500
Chemical Dynamics	0.72	0.010%	64	99	128	2000	7500
Chemical Pollution Cont	88.10	1.209%	7859	12091	15718	15000	15000
Chemray Coatings Corp	4.50	0.062%	401	618	803	2000	7500
Ciba-Geigy	195.55	2.684%	17444	26837	34888	15000	15000
Cities Service	2.30	0.032%	205	316	410	2000	7500
Comet Chemical	18.23	0.250%	1626	2502	3252	4000	7500
Conestoga Fuels	4.00	0.055%	357	549	714	2000	7500
Continental Can	13.50	0.185%	1204	1853	2409	4000	7500
Continental Forest		0.000%	0	0	0		
Converters Ink	18.00	0.247%	1606	2470	3211	4000	7500
Custom Service Corp	98.37	1.350%	8775	13500	17550	15000	15000
Decorative Ind	25.08	0.344%	2237	3442	4475	4000	7500
Delaware Container	128.50	1.764%	11463	17635	22926	15000	15000
Dri Print Foils	152.85	2.098%	13635	20977	27270	15000	15000
Duralac	18.58	0.255%	1657	2550	3315	4000	7500
E I DuPont	84.50	1.160%	7538	11597	15076	15000	15000
ER Squibb	1.15	0.016%	103	158	205	2000	7500
EXXON	4.20	0.058%	375	576	749	2000	7500
Ell Bee Chemical	5.25	0.072%	468	720	937	2000	7500
Environmental Waste Remo	1.95	0.027%	174	268	348	2000	7500
Faberge	0.52	0.007%	46	71	93	2000	7500
Fairchild Semiconductor	4.00	0.055%	357	549	714	2000	7500
GAF Corp	218.38	2.997%	19480	29970	38961	15000	15000
GTE Electronic	23.42	0.321%	2089	3214	4178	4000	7500
Ganes Chemical	85.98	1.180%	7670	11800	15340	15000	15000
Gas Products Equip Facil	2.25	0.031%	201	309	401	2000	7500
General Electric	107.34	1.473%	9575	14731	19150	15000	15000

General Foods	6.47	0.089%	577	888	1154	2000	7500
General Motors	109.40	1.501%	9759	15014	19518	15000	15000
Gilbert Freeman	1.75	0.024%	156	240	312	2000	7500
Gilbert Spruance	10.00	0.137%	892	1372	1784	4000	7500
Grumman Aerospace	9.99	0.137%	891	1371	1782	4000	7500
Gulf Oil		0.000%	0	0	0		
Harmon Color(Mobay)	1793.23	24.610%	159964	246099	319929	15000	15000
Harshaw (Chevron)		0.000%	0	0	0		
Hazardous Waste Disposal	42.50	0.583%	3791	5833	7582	8000	15000
Hermetite Division	2.00	0.027%	178	274	357	2000	7500
Hexcel Fine Organics	3.52	0.048%	314	483	628	2000	7500
Inland Steel(Container?)	6.79	0.093%	606	932	1211	2000	7500
Inmont Corp	281.69	3.866%	25128	38659	50256	15000	15000
J Josephson	8.80	0.121%	785	1208	1570	4000	7500
J Landau	300.00	4.117%	26761	41171	53523	15000	15000
J M Huber	2.10	0.029%	187	288	375	2000	7500
J T Baker	4.65	0.064%	415	638	830	2000	7500
John L Armitage Co	43.05	0.591%	3840	5908	7681	8000	15000
Johnson & Johnson(Permac	42.00	0.576%	3747	5764	7493	8000	15000
Jonas Waste Removal	36.00	0.494%	3211	4941	6423	4000	7500
Kirker Chemical	25.00	0.343%	2230	3431	4460	4000	7500
L E Carpenter	50.50	0.693%	4505	6931	9010	8000	15000
Langer Transport	9.00	0.124%	803	1235	1606	4000	7500
Lederle Lab(Am. Cyanam)	114.05	1.565%	10174	15652	20348	15000	15000
M & T Chemical(Amer Can?	99.35	1.363%	8862	13635	17725	15000	15000
Maas & Waldstein	65.50	0.899%	5843	8989	11686	8000	15000
Mack Trucks	5.00	0.069%	446	686	892	2000	7500
Magid Corp	30.00	0.412%	2676	4117	5352	4000	7500
Mallory Battery	4.00	0.055%	357	549	714	2000	7500
Matlack Inc	4.90	0.067%	437	672	874	2000	7500
Mattiace Industrial Sale	67.51	0.926%	6022	9265	12044	8000	15000
McKenzie Chemical Works	27.30	0.375%	2435	3747	4871	4000	7500
Merck & Company	407.39	5.591%	36341	55909	72682	15000	15000
Mobil Oil	4.80	0.066%	428	659	856	2000	7500
Monroe Chemical	60.20	0.826%	5370	8262	10740	8000	15000
Monsanto	34.84	0.478%	3108	4781	6216	4000	7500
NEWCO Chemical Waste Sys	8.75	0.120%	781	1201	1561	4000	7500
Nepera Chemical	119.62	1.642%	10671	16416	21341	15000	15000
New England Laminates	39.00	0.535%	3479	5352	6958	8000	15000
New Penn Motor Express	2.65	0.036%	236	364	473	2000	7500
Olin Corp	13.09	0.180%	1168	1796	2335	4000	7500
Oneida Packaging Product	4.20	0.058%	375	576	749	2000	7500
Owens-Illinois	1.38	0.019%	123	189	246	2000	7500
Oxford Pendaflex	4.00	0.055%	357	549	714	2000	7500
Packaging Systems Corp	15.00	0.206%	1338	2059	2676	4000	7500
Pan Chemical Corp	53.10	0.729%	4737	7287	9474	8000	15000
Perk Chemical Inc	71.90	0.987%	6414	9867	12828	8000	15000
Permacel(J&J?)	95.40	1.309%	8510	13092	17020	15000	15000
Pfizer	51.95	0.713%	4634	7130	9268	8000	15000
Phillip Hunt Chemical	2.50	0.034%	223	343	446	2000	7500
Pyrolac	41.00	0.563%	3657	5627	7315	8000	15000
Quality Chemicals	5.10	0.070%	455	700	910	2000	7500
RCA	14.00	0.192%	1249	1921	2498	4000	7500
Randolph Products Co	93.00	1.276%	8296	12763	16592	15000	15000
Reclamation Resources	4.40	0.060%	393	604	785	2000	7500
Recycling Industries	41.20	0.565%	3675	5654	7350	8000	15000

Reliance Universal	90.20	1.238%	8046	12379	16093	15000	15000
Revlon	43.28	0.594%	3861	5940	7722	8000	15000
Reynolds Metals	15.89	0.218%	1417	2181	2835	4000	7500
Rheem Mfg	21.78	0.299%	1943	2989	3886	4000	7500
Ridge Printing	15.95	0.219%	1423	2189	2846	4000	7500
Rohm & Haas	41.87	0.575%	3735	5746	7470	8000	15000
S & W Waste	19.00	0.261%	1695	2608	3390	4000	7500
Schenectady Chemical	25.27	0.347%	2254	3468	4508	4000	7500
Sherwin-Williams	14.40	0.198%	1285	1976	2569	4000	7500
Shulton(Amer Cyan?)	0.15	0.002%	13	21	27	2000	7500
Simon Wrecking	4.40	0.060%	393	604	785	2000	7500
Southland Chemical Corp	2.50	0.034%	223	343	446	2000	7500
Star Expansion	4.50	0.062%	401	618	803	2000	7500
Stork Bowen Eng	19.00	0.261%	1695	2608	3390	4000	7500
Swope Oil & Chemical	5.00	0.069%	446	686	892	2000	7500
Synkote Paint Co	15.78	0.217%	1408	2166	2815	4000	7500
Syntex Beauty Care	1.70	0.023%	152	233	303	2000	7500
Technical Coatings	36.55	0.502%	3260	5016	6521	8000	15000
Tenax Finishing	44.34	0.609%	3955	6085	7911	8000	15000
Tenneco Chemicals	6.75	0.093%	602	926	1204	2000	7500
Transco Products	7.38	0.101%	658	1013	1317	4000	7500
Troy Chemical	4.50	0.062%	401	618	803	2000	7500
Tungston Products Corp	12.50	0.172%	1115	1715	2230	4000	7500
US Pipe & Foundry	5.00	0.069%	446	686	892	2000	7500
US Polymeric	5.00	0.069%	446	686	892	2000	7500
Union Carbide	93.87	1.288%	8374	12883	16747	15000	15000
Viking Wire	8.00	0.110%	714	1098	1427	4000	7500
Vorac Co	5.50	0.075%	491	755	981	2000	7500
Wesley Lacquer	3.28	0.045%	293	450	585	2000	7500
Western Electric (AT&T)	86.30	1.184%	7698	11844	15397	15000	15000
Westinghouse	0.11	0.002%	10	15	20	2000	7500
Whittaker Corp	14.50	0.199%	1293	1990	2587	4000	7500
XCEL Corp	9.50	0.130%	847	1304	1695	4000	7500
ALCOA	9.10	0.125%	812	1249	1624	4000	7500
Cellu-craft	9.30	0.128%	830	1276	1659	4000	7500
Continent Tech Fin	56.97	0.782%	5082	7818	10164	8000	15000
Fabric Leather Co	2.50	0.034%	223	343	446	2000	7500

TOTALS	7286.62	1.00	650000	1000000	1300000	834000	1402500

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO.OF DUMPS	PERCENT OF TOTAL DUMPS
AIR PROD & CHEM INC	97.20	1.336%	18	1.075%
ALCOA	9.10	0.125%	2	0.119%
ALFA INK & CHEM INC	8.03	0.110%	6	0.358%
ALL PURP ROLL LEAF	49.50	0.680%	11	0.657%
ALLIED CHEMICAL CORP	67.00	0.920%	10	0.597%
ALMO ANTI POLL CORP	7.50	0.103%	2	0.119%
AMERICAN CAN CO.	3.90	0.054%	2	0.119%
AMERICAN FLANGE CO	2.09	0.029%	1	0.060%
AMERICAN HOECHST	9.09	0.124%	3	0.179%
AMERICAN INK	5.00	0.069%	1	0.060%
AMERICAN STANDARD	7.31	0.100%	2	0.119%
ARMSTRONG CORK CO.	39.67	0.549%	9	0.537%
ARROW GROUP IND.	9.00	0.124%	2	0.119%
ASHLAND CHEM CO.	226.17	3.107%	52	3.104%
ASHLAND CHEM CO.	3.82	0.053%	1	0.060%
BASF WYANDOTTE	7.04	0.097%	2	0.119%
BEE CHEMICAL CO.	3.00	0.041%	1	0.060%
BER MAR	54.19	0.744%	13	0.776%
BORDEN CHEMICAL	82.62	1.135%	23	1.373%
BROWNING FERRIS	49.50	0.680%	10	0.597%
CAPITAL MAGNETICS	16.19	0.222%	5	0.299%
CECOS INT.	4.00	0.055%	1	0.060%
CELLU-CRAFT	9.09	0.124%	2	0.119%
CHEM POLLUTION CNTRL	80.10	1.210%	17	1.015%
CHEMCOAT	25.20	0.346%	6	0.358%
CHEMICAL DYNAMICS	0.72	0.010%	1	0.060%
CHEMRAY COATINGS CO.	4.50	0.062%	1	0.060%
CIBA GEIGY	11.00	0.151%	2	0.119%
CIBA GEIGY	184.99	2.539%	36	2.149%
CITIES SERVICES	2.30	0.032%	1	0.060%
COMET CHEMICAL CO	18.23	0.250%	4	0.239%
CONESTOGA FUEL	4.00	0.055%	1	0.060%
CONTINENTAL CAN CO	13.50	0.185%	4	0.239%
CONTINENTAL TECH PKG	56.97	0.783%	32	1.910%
CONVERTERS INK CO	18.00	0.247%	4	0.239%
CUSTOM CHEMICAL CO	98.37	1.214%	20	1.194%
DECORATIVE INDUSTRIE	25.08	0.345%	7	0.418%
DELAWARE CONTAINER	128.50	1.765%	22	1.313%
DRI-PRINT FOILS	152.85	2.099%	36	2.149%
DURALAC CHEM. CORP.	18.58	0.255%	11	0.657%
E.I. DUPONT	84.50	1.161%	18	1.075%
ELL-BEE CHEMICAL CO	5.25	0.072%	3	0.179%
ENVIRO WASTE REMOVAL	1.95	0.027%	1	0.060%
ES	0.00	0.000%	1	0.060%

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO. OF DUMPS	PERCENT OF TOTAL DUMPS
EXXON BAYWAY	6.20	0.050%	1	0.060%
FABERGE INC	0.52	0.007%	1	0.060%
FABRIC LEATHER CO.	2.50	0.036%	1	0.060%
FAIRCHILD SEMI-CONC.	6.00	0.055%	1	0.060%
GAF CORP.	218.30	- 3.000%	47	2.806%
GANES CHEMICALS INC.	85.80	1.181%	14	0.836%
GAS PRODUCTS EQUIP.	2.29	0.031%	2	0.119%
GENERAL ELECTRIC CO.	107.36	-1.474%	23	1.373%
GENERAL MOTORS	109.40	-1.503%	15	0.896%
GILBERT FREEMAN	1.75	0.024%	1	0.060%
GILBERT SPRUANCE CO.	10.00	0.137%	2	0.119%
GRUMAN AEROSPACE	9.99	0.137%	3	0.179%
GTE SYLVANIA	23.42	0.322%	5	0.299%
HARMON COLOR CORP	0.00	0.110%	2	0.119%
HARMON COLORS CORP	1701.99	24.470%	479	28.597%
HARMON COLROS CORP	3.70	0.051%	1	0.060%
HAZARDOUS WASTE DSPL	42.90	0.589%	8	0.478%
HERMETITE	2.00	0.027%	2	0.119%
HEXCEL FINE ORGANIC	3.52	0.048%	1	0.060%
HUBER, J.M., CORP	2.10	0.029%	1	0.060%
INLAND STEEL CONTAIN	6.79	0.093%	3	0.179%
INMONT CORP	281.69	- 3.869%	56	3.343%
J. JOSEPHSON INC.	8.90	0.121%	3	0.179%
J. LANDAU & CO INC	300.00	4.121%	6	0.359%
J.T. BAKER	4.65	0.064%	2	0.119%
JOHN L. ARMITAGE	43.05	0.591%	9	0.537%
JOHNSON & JOHNSON	42.00	0.577%	9	0.537%
KIRKER CHEMICAL CO	25.00	0.343%	5	0.299%
L E CARPENTER & CO.	50.50	0.694%	11	0.657%
LANGER TRUCKING	9.00	0.124%	2	0.119%
LEDERLE LABS	184.09	1.967%	24	1.433%
M & T CHEMICAL	99.35	1.365%	21	1.254%
MAAS & WALDSTEIN	65.50	0.900%	15	0.896%
MACK TRUCKS INC	5.00	0.069%	1	0.060%
MAGID CORP	30.00	0.412%	1	0.060%
MALLORY BATTERY	4.00	0.055%	1	0.060%
MARVIN JONAS INC	36.00	0.494%	5	0.299%
MATLACK INC	4.90	0.067%	1	0.060%
MATTIACE IND SALES	67.51	0.927%	13	0.776%
MAXWELL HOUSE DIV	6.47	0.089%	3	0.179%
MCKENSIE CHEMICAL WR	4.00	0.055%	1	0.060%
MCKENZIE CHEMICAL WR	29.30	0.520%	7	0.418%
MERCK & CO INC	407.39	- 5.596%	56	3.343%
MOBIL CHEMICAL	4.80	0.066%	1	0.060%

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO. OF DUMPS	PERCENT OF TOTAL DUMPS
MONROE CHEMICAL	60.20	0.827%	13	0.776%
MONSANTO	36.85	0.479%	7	0.418%
MOORE	79.00	1.085%	16	0.955%
NEPERA CHEMICAL CO	119.62	1.643%	24	1.433%
NEW ENGLAND LAMINATS	99.00	0.936%	8	0.478%
NEW PENN MOTOR EXPR.	2.65	0.036%	1	0.060%
NEWCO CHEMICAL INC	0.75	0.120%	3	0.179%
OLIN CORP	13.09	0.180%	4	0.239%
ONEIDA PACKAGING PRD	4.20	0.058%	1	0.060%
OWENS ILLINOIS	1.39	0.019%	1	0.060%
OXFORD PENDAFLEX CO	4.00	0.055%	1	0.060%
PACKAGING SYSTEMS	15.00	0.206%	3	0.179%
PAN CHEMICAL CORP	53.10	0.729%	13	0.776%
PERK CHEM CO INC	71.90	0.988%	13	0.776%
PERMACEL	95.40	1.310%	22	1.313%
PFIZER	51.95	0.714%	12	0.716%
PHILIP A. HUNT CHEM.	2.90	0.034%	1	0.060%
PYROLAC CORP	41.00	0.563%	9	0.537%
QUALITY CHEMICALS	5.10	0.070%	1	0.060%
RALDOLPH PRODUCTS CO	5.00	0.069%	1	0.060%
RANDOLPH PRODUCTS CO	80.00	1.209%	18	1.075%
RCA	14.00	0.192%	3	0.179%
RECLAMATION RSRCS.	4.40	0.060%	1	0.060%
RECYCLING INDUSTRIES	41.20	0.566%	8	0.478%
RELIANCE UNIVERSAL	90.20	1.239%	20	1.194%
REVLON INC	43.28	0.595%	10	0.597%
REYNOLDS METALS CO	15.89	0.218%	6	0.358%
RHEEM MFG CO	21.70	0.299%	6	0.358%
RIDGE PRINTING CO	15.95	0.219%	4	0.239%
ROHM & HAAS	41.07	0.575%	9	0.537%
S & W CHEMICAL	19.00	0.261%	4	0.239%
SCHENECTADY CHEMICAL	25.27	0.347%	5	0.299%
SHERWIN WILLIAMS	14.40	0.198%	7	0.418%
SHULTON INC	0.15	0.002%	1	0.060%
SIMON WRECKING CO	4.40	0.060%	1	0.060%
SOUTHLAND CHEM CORP	2.50	0.034%	1	0.060%
SQUIBB E.R. & SONS	1.15	0.016%	1	0.060%
STAR EXPANSION	4.50	0.062%	1	0.060%
STORK BOWEN ENGINEER	19.00	0.261%	4	0.239%
SWOPE OIL & CHEM CO	5.00	0.069%	1	0.060%
SYNKOTE PAINT CO	15.70	0.217%	12	0.716%
SYNTEX BEAUTY CARE	1.70	0.023%	1	0.060%
TECHNICAL COATINGS	36.55	0.502%	6	0.358%
TENAX FINISHING PROD	44.34	0.609%	6	0.358%

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO.OF DUMPS	PERCENT OF TOTAL DUMPS
JENNECO CHEM INC	2.75	0.039%	1	0.060%
JENNECO CHEMICALS	6.00	0.085%	1	0.060%
THE VORAC COMPANY	5.50	0.076%	3	0.179%
TRANSCO PRODUCTS CO	7.30	0.101%	37	2.209%
TROY CHEMICAL	4.50	0.062%	1	0.060%
TUNGSTEN PRODUCTS CO	12.50	0.172%	5	0.299%
U S PIPE & FOUNDRY	5.00	0.069%	1	0.060%
U S POLYMERIC	5.00	0.069%	1	0.060%
UNION CARBIDE CORP	93.87	1.299%	22	1.313%
VIKING WIRE CO	8.00	0.110%	2	0.119%
WESLEY LAQUER CO	3.29	0.045%	2	0.119%
WESTERN ELECTRIC	86.30	1.185%	30	1.791%
WESTINGHOUSE ELECTRI	0.11	0.002%	1	0.060%
WHITTAKER CORP	16.50	0.229%	3	0.179%
XCEL CORPORATION	9.50	0.130%	2	0.119%
TOTALS	7280.50	100.002	1675	100.007

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION II

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO.OF DUMPS	PERCENT OF TOTAL DUMPS
AIR PROD & CHEM INC	97.20	1.996%	18	1.075%
ALCOA	9.80	0.125%	2	0.119%
ALFA INK & CHEM INC	6.03	0.110%	6	0.358%
ALL PURP ROLL LEAF	69.90	0.800%	11	0.657%
ALLIED CHEMICAL CORP	97.08	0.920%	10	0.597%
ALMO ANTI POLL CORP	7.90	0.103%	2	0.119%
AMERICAN CAN CO.	9.90	0.096%	2	0.119%
AMERICAN FLANGE CO	2.09	0.029%	1	0.060%
AMERICAN HOECHST	9.09	0.126%	3	0.179%
AMERICAN INK	5.00	0.069%	1	0.060%
AMERICAN STANDARD	7.91	0.100%	2	0.119%
ARMSTRONG CORK CO.	90.07	0.569%	9	0.537%
ARROW GROUP IND.	9.00	0.126%	2	0.119%
ASHLAND CHEM CO.	226.17	3.107%	52	3.104%
ASHLAND CHEM CO.	3.02	0.093%	1	0.060%
BASF WYANDOTTE	7.06	0.097%	2	0.119%
BEE CHEMICAL CO.	3.00	0.041%	1	0.060%
BER MAR	56.19	0.766%	13	0.776%
BORDEN CHEMICAL	02.62	1.139%	23	1.373%
BROWNING FERRIS	40.50	0.600%	10	0.597%
CAPITAL MAGNETICS	16.19	0.222%	5	0.299%
CECOS INT.	4.00	0.055%	1	0.060%
CELLU-CRAFT	9.09	0.126%	2	0.119%
CHEM POLLUTION CNTRL	00.10	1.210%	17	1.015%
CHEMCOAT	25.20	0.346%	6	0.358%
CHEMICAL DYNAMICS	0.72	0.010%	1	0.060%
CHEMRAY COATINGS CO.	4.50	0.062%	1	0.060%
CIBA GEIGY	11.00	0.151%	2	0.119%
CIBA GEIGY	106.95	2.539%	36	2.149%
CITIES SERVICES	2.30	0.032%	1	0.060%
COMET CHEMICAL CO	10.23	0.290%	4	0.239%
CONESTOGA FUEL	4.00	0.055%	1	0.060%
CONTINENTAL CAN CO	13.90	0.195%	4	0.239%
CONTINENTAL TECH FIN	56.97	0.783%	32	1.910%
CONVERTERS INK CO	18.00	0.247%	4	0.239%
CUSTOM CHEMICAL CO	90.37	1.236%	20	1.194%
DECORATIVE INDUSTRIE	25.00	0.345%	7	0.418%
DELAWARE CONTAINER	128.30	1.765%	22	1.313%
DRI-PRINT FOILS	152.85	2.099%	36	2.149%
DURALAC CHEM. CORP.	18.58	0.255%	11	0.657%
E.I. DUPONT	86.50	1.191%	18	1.075%
ELL-BEE CHEMICAL CO	5.25	0.072%	3	0.179%
ENVIRO WASTE REMOVAL	1.95	0.027%	1	0.060%
ES	0.00	0.000%	1	0.060%

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO. OF DUMPS	PERCENT OF TOTAL DUMPS
EXXON BAYWAY	6.20	0.098%	1	0.060%
FABERGE INC	0.52	0.007%	1	0.060%
FABRIC LEATHER CO.	2.50	0.034%	1	0.060%
FAIRCHILD SEMI-CONC.	6.00	0.055%	1	0.060%
GAF CORP.	218.30	- 3.000%	47	2.806%
GANES CHEMICALS INC.	85.00	1.181%	14	0.836%
GAS PRODUCTS EQUIP.	2.29	0.031%	2	0.119%
GENERAL ELECTRIC CO.	107.36	-1.474%	23	1.373%
GENERAL MOTORS	109.40	1.503%	15	0.896%
GILBERT FREEMAN	1.75	0.024%	1	0.060%
GILBERT SPRUANCE CO.	10.00	0.137%	2	0.119%
GRUMAN AEROSPACE	9.99	0.137%	3	0.179%
GTE SYLVANIA	23.42	0.322%	5	0.299%
HARMON COLOR CORP	0.00	0.110%	2	0.119%
HARMON COLORS CORP	1701.93	24.470%	479	28.597%
HARMON COLROS CORP	3.70	0.051%	1	0.060%
HAZARDOUS WASTE DSPL	42.90	0.589%	8	0.478%
HERMETITE	2.00	0.027%	2	0.119%
HEXCEL FINE ORGANIC	3.92	0.040%	1	0.060%
HUBER, J.M., CORP	2.10	0.029%	1	0.060%
INLAND STEEL CONTAIN	6.79	0.093%	3	0.179%
INMONT CORP	201.69	- 3.869%	56	3.343%
J. JOSEPHSON INC.	0.50	0.121%	3	0.179%
J. LANDAU & CO INC	300.00	4.121%	6	0.359%
J.T. BAKER	4.65	0.064%	2	0.119%
JOHN L. ARMITAGE	43.05	0.591%	9	0.537%
JOHNSON & JOHNSON	42.00	0.577%	9	0.537%
KINKER CHEMICAL CO	25.00	0.343%	5	0.299%
L E CARPENTER & CO.	50.50	0.694%	11	0.657%
LANGER TRUCKING	9.00	0.124%	2	0.119%
LEDERLE LABS	114.05	1.567%	24	1.433%
M & T CHEMICAL	99.35	1.365%	21	1.254%
MAAS & MALDSTEIN	65.50	0.900%	15	0.896%
MACK TRUCKS INC	5.00	0.069%	1	0.060%
MAGID CORP	30.00	0.412%	1	0.060%
MALLORY BATTERY	4.00	0.055%	1	0.060%
MARVIN JONAS INC	36.00	0.494%	5	0.299%
MAYLACK INC	4.90	0.067%	1	0.060%
MATTIACE IND SALES	67.51	0.927%	13	0.776%
MAXWELL HOUSE DIV	6.47	0.089%	3	0.179%
MCKENSIE CHEMICAL WR	4.00	0.055%	1	0.060%
MCKENZIE CHEMICAL WR	23.30	0.320%	7	0.418%
MERCK & CO INC	407.39	- 5.596%	56	3.343%
MOBIL CHEMICAL	4.80	0.066%	1	0.060%

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO. OF DUMPS	PERCENT OF TOTAL DUMPS
MONROE CHEMICAL	60.20	0.827%	13	0.776%
MONSANTO	36.86	0.679%	7	0.418%
MOORE	79.00	1.085%	16	0.955%
NEPERA CHEMICAL CO	119.62	1.643%	24	1.433%
NEW ENGLAND LAMINATS	39.00	0.536%	8	0.478%
NEW PENN MOTOR EXPO.	2.65	0.036%	1	0.060%
NEWCO CHEMICAL INC	0.75	0.120%	3	0.179%
OLIN CORP	13.00	0.180%	4	0.239%
ONEIDA PACKAGING PRO	6.20	0.098%	1	0.060%
OWENS ILLINOIS	1.39	0.019%	1	0.060%
OXFORD PENDAFLEX CO	6.00	0.095%	1	0.060%
PACKAGING SYSTEMS	15.00	0.206%	3	0.179%
PAN CHEMICAL CORP	53.10	0.729%	13	0.776%
PERK CHEM CO INC	71.90	0.988%	13	0.776%
PERMACEL	95.60	1.310%	22	1.313%
PFIZER	51.95	0.714%	12	0.716%
PHILIP A. HUNT CHEM.	2.50	0.034%	1	0.060%
PYROLAC CORP	68.00	0.963%	9	0.537%
QUALITY CHEMICALS	5.10	0.070%	1	0.060%
RALDOLPH PRODUCTS CO	5.00	0.069%	1	0.060%
RANDOLPH PRODUCTS CO	80.00	1.209%	18	1.075%
RCA	16.00	0.192%	3	0.179%
RECLAMATION RSRCS.	6.60	0.060%	1	0.060%
RECYCLING INDUSTRIES	68.20	0.966%	8	0.478%
RELIANCE UNIVERSAL	90.20	1.239%	20	1.194%
REVLON INC	63.20	0.595%	10	0.597%
REYNOLDS METALS CO	15.80	0.218%	6	0.358%
RHEEM MFG CO	21.70	0.299%	6	0.358%
RIDGE PRINTING CO	15.95	0.219%	4	0.239%
ROHM & HAAS	61.87	0.975%	9	0.537%
S & W CHEMICAL	19.00	0.261%	4	0.239%
SCHENECTADY CHEMICAL	25.27	0.367%	5	0.299%
SHERWIN WILLIAMS	16.60	0.198%	7	0.418%
SHULTON INC	0.15	0.002%	1	0.060%
SIMON WRECKING CO	6.60	0.060%	1	0.060%
SOUTHLAND CHEM CORP	2.50	0.034%	1	0.060%
SQUIBB E.R. & SONS	1.15	0.016%	1	0.060%
STAR EXPANSION	6.50	0.062%	1	0.060%
STORK BOWEN ENGINEER	19.00	0.261%	4	0.239%
SWOPE OIL & CHEM CO	5.00	0.069%	1	0.060%
SYNKOTE PAINT CO	15.70	0.217%	12	0.716%
SYNTEX BEAUTY CARE	1.70	0.023%	1	0.060%
TECHNICAL COATINGS	36.55	0.502%	6	0.358%
TENAX FINISHING PROD	66.36	0.609%	6	0.358%

INDIVIDUAL GENERATOR CONTRIBUTIONS FOR THIS PERIOD

GENERATOR	QUANTITY 1000 GAL	PERCENT OF TOTAL QUANTITY	NO.OF DUMPS	PERCENT OF TOTAL DUMPS
DENNECO CHEM INC	2.79	0.039%	1	0.060%
DENNECO CHEMICALS	4.00	0.055%	1	0.060%
THE VORAC COMPANY	5.50	0.076%	3	0.179%
TRANSCO PRODUCTS CO	7.30	0.101%	37	2.209%
TROY CHEMICAL	4.50	0.062%	1	0.060%
TUNGSTEN PRODUCTS CO	12.50	0.172%	5	0.299%
U S PIPE & FOUNDRY	5.00	0.069%	1	0.060%
U S POLYMERIC	5.00	0.069%	1	0.060%
UNION CARBIDE CORP	93.97	1.299%	22	1.313%
VIKING WIRE CO	8.00	0.110%	2	0.119%
WESLEY LAQUER CO	3.29	0.045%	2	0.119%
WESTERN ELECTRIC	86.30	1.189%	30	1.791%
WESTINGHOUSE ELECTRI	0.11	0.002%	1	0.060%
WHITTAKER CORP	14.50	0.199%	3	0.179%
XCEL CORPORATION	9.50	0.130%	2	0.119%
TOTALS	7280.50	100.002	1675	100.007

ATTACHMENT V

(DO NOT USE)

FORM A: GENERAL FACILITY INFORMATION

Company Name: NL Industries, Inc.
Division/Subsidiary Chemicals
Facility Name: Bayonne

Address: 40 Avenue A
No. Street

Bayonne, New Jersey 07002
City State Zip Code

Name of Person Completing Form: John G. Gudzak

Position: Material Control Manager

Phone Number: (201) 436-8800

1. Year Facility Opened ..... 19 |2|2| (10-11)

2. Primary SIC Code ..... |2|8|9|9|5| (12-15)

3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:
USE ONLY TONS IF POSSIBLE - right justify response

thousand gallons ..... |_|_|_|_|_|_|_|_| (16-24)

hundred tons ..... |_|_|_|_|_|_|5| (25-32)

thousand cubic yards ..... |_|_|_|_|_|_|_|_| (33-41)

4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:

in landfill ..... |9|7| (42-44)

in pit/pond/lagoon ..... |_|_|_| (45-47)

in deep well ..... |_|_|_| (48-50)

incinerated ..... |_|_|3| (51-53)

reprocessed/recycled ..... |_|_|_| (54-56)

evaporated ..... |_|_|_| (57-59)

unknown ..... |_|_|_| (60-62)

other (Specify _____) ..... |_|_|_| (63-65)

5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950? ..... |_|_|1| (66-68)

COMPLETE ONE FORM "B" FOR EACH OF THE SITES

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (Yes=1; no=2) ..... |1| (69)

IF YES, COMPLETE FORM "C"

7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (Yes=1; no=2) ..... |2| (70)

IF NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR WHO TOOK WASTE TO AN UNKNOWN LOCATION

8. Specify the earliest year represented by information from company or facility records supplied on this and other forms ..... 19|2|2| (71-72)

9. Specify the earliest year represented by information from employee knowledge supplied on this and other forms ..... 19|2|2| (73-74)

FINAL

FORM B: DISPOSAL SITE INFORMATION

| | | | | | | | | (1-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: NL Industries, Inc. Division/Subsidiary Chemicals
Facility Name: Bayonne
Name of Site: Bayonne Landfill
Address of Site: Hook Road
no. street

Bayonne, New Jersey 07002
city state zip code

Name of Owner (while used by facility): _____
Address: _____
no. street

_____
city state zip code

Current Owner (if different from above): _____
Address: _____
no. street

_____
city state zip code

1. Location (1= the property on which facility is located; 2= off-site) 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 3 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 1 (12)
   IF CLOSED, specify year closed ....For Industrial Use..... 19 7 5 (13-14)
4. Year first used for process waste from this facility 19 2 2 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 7 5 (17-18)
6. Total amount of process waste from this facility disposed at site:
   USE TONS ONLY IF POSSIBLE: thousand gallons ..... (19-26)
   Right justify response hundred tons 2 6 0 (27-33)
   thousand cubic yards ..... (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)

landfill, mono industrial waste	9	(42)
landfill, mixed industrial waste	9	(43)
landfill, drummed waste	9	(44)
landfill, municipal refuse co-disposed	1	(45)
pits/ponds/lagoons	9	(46)
deep well injection	9	(47)
land farming	9	(48)
incineration	9	(49)
treatment (eg. neutralizing)	9	(50)
reprocessing/recycling	9	(51)
other (specify) _____	9	(52)

8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 9 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

FORM B CONTINUED ON SECOND PAGE

FORM B - Page 2

(DO NOT USE)

Company Name: NL Industries, Inc.
Division/Subsidiary: Chemical
Facility Name: Bayonne

Site Name: Bayonne Landfill

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	2	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	2	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, >50pico curies/gram	2	(27)
uranium residuals & residuals for UF_6 recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plastizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	1	(53)
esters and ethers	1	(54)
alcohols	2	(55)
ketones & aldehydes	2	(56)
dioxins	2	(57)
Inorganics	2	(58)
salts	2	(59)
mercaptans	2	(60)
Misc.	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	1	(63)
catalysts (eg. vanadium, platinum, palladium)	1	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P_2, aluminum chloride)	2	(67)
wastes with flash point below 100° F	2	(68)

FORM C: HAULER INFORMATION

(DO NOT USE) (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: NL Industries, Inc.
Division/Subsidiary Chemical
Facility Name: Bayonne, N.J.

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
SCA Chemical Services, Co. Earthline Division	100 Lister Avenue Newark, New Jersey 07105		1979
C. Pyskaty & Sons. Inc.	115 Penhorn Ave. Secaucus, New Jersey 07094		1974-1979
Scientific Chemical Processing	216 Paterson Plank Road Carlstadt, New Jersey 07072		1975-1978

BOSTON SCIENTIFIC CORPORATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

| | | | | | | | | (1-8)
(DO NOT USE)

Company Name: NL Industries, Inc. Division/Subsidiary Chemicals
Facility Name: Bayonne
Name of Hauling Firm/Contractor: Scientific Chemical Processing
Address: (no.) 216 (street) Paterson Plank Road
(city) Carlstadt, (state) New Jersey (zip code) 07072

1. Year first used 19 7 5 (10-11)
2. Year last used (enter "79" if still in use) 19 7 8 (12-13)
3. Total amount of process waste hauled from this facility:
   USE TONS ONLY IF POSSIBLE- thousand gallons ..... (14-21)
   Right justify response hundred tons 2 (22-28)
   thousand cubic yards ..... (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
   FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH>12	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	2	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	2	(50)
zinc, cadmium, copper, chromium (trivalent)	2	(51)
chromium (hexavalent)	2	(52)
lead	2	(53)
Radioactive residues, >50pico curies/ gram	2	(54)
uranium residuals & residuals for UF_6 recycling	2	(55)
lathanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	1	(61)
insecticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plastizers	2	(71)
resins	2	(72)
elastomers	1	(73)
solvents polar (except water)	1	(74)
carbontetrachloride	2	(75)
trichloroethylene	1	(76)
other solvents nonpolar	1	(77)
solvents halogenated aliphatic	2	(78)
solvents halogenated aromatic	2	(79)
oils and oil sludges	1	(10)
esters and ethers	1	(11)
alcohols	2	(12)
ketones & aldehydes	1	(13)
dioxins	2	(14)
Inorganics	2	(15)
salts	2	(16)
mercaptans	2	(17)
Misc	1	(18)
pharmaceutical wastes	2	(19)
paints & pigments	1	(20)
catalysts (eg. vanadium, platinum, palladium)	2	(21)
asbestos	2	(22)
shock sensitive wastes (eg. nitrated toluenes)	2	(23)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(24)
[illegible] flash point below 1000 F	2	(25)

FORM D SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION		

		(1-8)
	(DO NOT USE)	

Company Name: NL Industries, Inc. Division/Subsidiary Chemicals
Facility Name: Bayonne
Name of Hauling Firm/Contractor: SCA Chemical Services, Co. Earthline Div.
Address: (no.) 100 (street) Lister Ave.
(city) Newark (state) New Jersey (zip code) 07105

1. Year first used 19 7 9 (10-11)
2. Year last used (enter "79" if still in use) 19 7 9 (12-13)
3. Total amount of process waste hauled from this facility:
   USE TONS ONLY IF POSSIBLE- thousand gallons ..... (14-21)
   Right justify response hundred tons 1 (22-28)
   thousand cubic yards ..... (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
   FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH>12	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	2	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	2	(50)
zinc, cadmium, copper, chromium (trivalent)	2	(51)
chromium (hexavalent)	2	(52)
lead	2	(53)
Radioactive residues, >50pico curies/ gram	2	(54)
uranium residuals & residuals for UF_6 recycling	2	(55)
lathanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	1	(61)
insecticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plastizers	2	(71)
resins	2	(72)
elastomers	2	(73)
solvents polar (except water)	1	(74)
carbontetrachloride	2	(75)
trichloroethylene	1	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic	2	(78)
solvents halogenated aromatic	1	(79) 1 (80)
oils and oil sludges	1	(10)
esters and ethers	2	(11)
alcohols	2	(12)
ketones & aldehydes	2	(13)
dioxins	2	(14)
Inorganics	2	(15)
salts	2	(16)
mercaptans	2	(17)
Misc	2	(18)
pharmaceutical wastes	2	(19)
paints & pigments	2	(20)
catalysts (eg. vanadium, platinum, palladium)	2	(21)
asbestos	2	(22)
shock sensitive wastes (eg. nitrated toluenes)	2	(23)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(24)
[illegible] flash point below 100 F	2	(25)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

| | | | | | | | | (1-8)
(DO NOT USE)

Company Name: NL Industries, Inc. Division/Subsidiary Chemicals
Facility Name: Bayonne
Name of Hauling Firm/Contractor: C. Pyskaty & Sons, Inc.
Address: (no.) 115 (street) Penhorn Ave.
(city) Secaucus, (state) New Jersey (zip code) 07094

1. Year first used 19 7 4 (10-11)
2. Year last used (enter "79" if still in use) 19 7 9 (12-13)
3. Total amount of process waste hauled from this facility:
   USE TONS ONLY IF POSSIBLE- thousand gallons ..... (14-21)
   Right justify response hundred tons 2 0 (22-28)
   thousand cubic yards ..... (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
   FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	2	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH>12	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	2	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	2	(50)
zinc, cadmium, copper, chromium (trivalent)	2	(51)
chromium (hexavalent)	2	(52)
lead	2	(53)
Radioactive residues, >50pico curies/ gram	2	(54)
uranium residuals & residuals for UF_6 recycling	2	(55)
lathanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	1	(61)
insecticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plastizers	2	(71)
resins	2	(72)
elastomers	2	(73)
solvents polar (except water)	2	(74)
carbontetrachloride	2	(75)
trichloroethylene	2	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic	2	(78)
solvents halogenated aromatic	2	(79)
oils and oil sludges	1	(10)
esters and ethers	1	(11)
alcohols	2	(12)
ketones & aldehydes	2	(13)
dioxins	2	(14)
Inorganics	2	(15)
salts	2	(16)
mercaptans	9	(17)
Misc	1	(18)
pharmaceutical wastes	2	(19)
paints & pigments	1	(20)
catalysts (eg. vanadium, platinum, palladium)	1	(21)
asbestos	2	(22)
shock sensitive wastes (eg. nitrated toluenes)	2	(23)
air water reactive wastes (eg. P_4, aluminum chloride)	2	(24)

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