



UNITED STATES
NUCLEAR REGULATORY COMMISSION

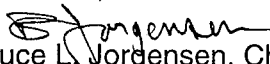
REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

October 3, 2000

MEMORANDUM TO: License File No. 13-10675-5

General Motors Corp.
Delco-Remy Div.
2401 Columbus Ave
Anderson, IN

THRU:


Bruce L. Jorgensen, Chief, Decommissioning Branch

FROM:

Edward L. Kulzer, Radiation Specialist

SUBJECT:

CLOSE OUT OF THE LICENSE FILE

The terminated License File 13-10675-5 was forwarded to Region III for follow up as part of the Oak Ridge National Laboratory Terminated Sites Review because it lacked information as to the disposition of sealed sources. The License was for a General Motors Corp. facility located in Anderson, IN, where the sealed sources were installed in custom gauges to control plastic materials. The following sealed sources were not clearly accounted for when the license was terminated on October 11, 1973: Kr-85 (100 microcuries); Cs-137 (1.0 curies, 100 millicurie, 3.0 curies); two Am-241 sources (20 millicurie); Am-241 (190 millicurie); Kr-85 (50 millicurie); and Sr-90 (3 millicurie).

The file indicates that the sources were disposed of in accordance with Part 20; however, there were no details and no report of survey in the file.

In an associated NRC License file (No. 13-10675-01), there are reports of an inspection conducted by S. Lasuk dated March 1, 1979, identifying the sealed sources and the fact that the sources had been in storage for five years, and an inspection by J. Cameron and D. Piskura dated March 11, 1991, which states that sealed Am-241 (1 curie) sources are being stored at this facility. Subsequently, a letter from NRC to General Motors dated March 15, 1991, requests that GM remove licensed material that had not been used since the mid-seventies.

In a letter dated March 25, 1991, Mr. H. K. Patel, General Manager of Delco Remy, sent NRC a letter indicating that all licensed sources would be sent to U.S. Ecology for disposal. (Attachment 1)

Mr. Weflen, Manager of Environmental Services, DELFI Automotive Systems (which currently occupies the address) was contacted. Mr. Weflen stated that there were no sources on site. He provided the NRC with copies of several hazardous waste shipping papers dated from the early to middle 1990's. These documents account for all the sources except two: a Kr-85 source of 100 microcuries and a Sr-90 source of 3 millicuries. (Attachment 2)

Based on the above information Region III considers License File No. 13-10675-5 closed. No further action will be taken for 13-10675-5.

Attachments: As stated

October 3, 2000

MEMORANDUM TO: License File No. 13-10675-5
General Motors Corp.
Delco-Remy Div.
2401 Columbus Ave
Anderson, IN

THRU: Bruce L. Jorgensen, Chief, Decommissioning Branch /RA/
FROM: Edward L. Kulzer, Radiation Specialist
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DOCUMENT NAME: G:\SEC\closeGM.wpd

To receive a copy of this document, indicate in the box: "C" = Copy without enclosure "E" = Copy with enclosure "N" = No copy

OFFICE	RIII	RIII	E			
NAME	Kulzer:js	Jorgensen				
DATE	10/ /00	10/3/00				

OFFICIAL RECORD COPY

License File

-2-

bcc: J. Buckley, NMSS
B. Snell, RIII

Delco Remy



Division of General Motors Corporation 2401 Columbus Avenue P.O. Box 2439 Anderson, Indiana 46018-9986

Attachment 1

March 25, 1991

Mr. William H. Schultz, Chief
Nuclear Materials Safety Section 1
U. S. Regulatory Commission
Region 111
799 Roosevelt Road
Glen Ellyn, IL 60137

Re: License No. 13-10675-01
Docket No. 030-04385

Dear Mr. Schultz,

The following actions will be taken in response to your March 15, 1991 letter and Notice of Violation.

Delco Remy will take immediate steps to remove and dispose of all stored nuclear waste materials which were reviewed in the February 28, 1991 inspection.

Requests have been sent out to obtain quotations for the legal disposal of all of these materials. As soon as these are received, we will proceed with the contracting of their removal and disposal.

Preliminary conversation with U. S. Ecology, Inc. by our engineers yielded a timeframe of approximately three months to complete the process, barring any unforeseen circumstances.

Sincerely,

DELCO REMY DIVISION

H. K. Patel
General Manager

APR 1 1991

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS SHIPPING ORDER

must be legibly filled in, in ink, in indelible Pencil, or
Carbon, and retained by the Agent.

Shippers Number _____

Carriers Number CID-1732

CARRIER: US Ecology Inc

SCAC

Date 5/24/91

TO: US Ecology Inc

FROM: US Ecology Inc at

Consignee Highway 95

Shipper Delco Remy

Street

Street

Destination Beatty, NV

Zip 89003

Origin Anderson, Indiana

Zip 46018

Route: 24hr emergency phone # (502) 426-7160

Vehicle
Number

No Shipping Units	HM	Kind of Packages Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	ID Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
7	RR	Radioactive Material NDS	Radioactive Material	UN2982	12,200		Radioactive
		For a complete description see US Ecology Nuclear Consolidated Shipment Manifest # 27588					

Remit C.O.D. to:

Address:

City:

N/A

State:

Zip:

COD

N/A
Amt: \$

C.O.D. Fee:

Prepaid ☐

Collect ☐ \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing
the agreed or declared value of the property. The agreed or declared value of the property
is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse
on the consignee, the consignee shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges
(Signature of Consignee)

FREIGHT CHARGES

☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of
packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property
under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all
or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the
bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself
and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and
labeled and are in proper condition for transportation according to the applicable regulations of the Depart-
ment of Transportation. Per Delco Remy

PLACARDS
REQUIRED

None

PLACARDS
SUPPLIED

☐ YES ☐ NO-FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: US Ecology at Delco Remy

CARRIER: US Ecology Inc

PER:

PER:

DATE: 5/24/91

DATE: 5/24/91

FORM # 9-BLS-A (3 PLY)

Revised 11/82

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

Agent must detach and retain this Shipping Order and must sign the Original Bill of L

ATTACHMENT 2

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS MEMORANDUM

an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor
copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shippers Number _____

Carriers Number CID 1732

Date 5/24/91

CARRIER: US Ecology Inc

SCAC

TO: US Ecology Inc

Consignee Highway 95

Street

Destination Beatty, NV

Zip 89003

FROM: US Ecology Inc at

Shipper Deko Remy

Street

Origin Anderson, Indiana

Zip 46018

Vehicle

Number

Route: 24hr emergency phone # (502) 496-7160

No Shipping Units	HM	Kind of Packages, Description of Articles: (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
7	RQ	Radioactive Material NOS	Radioactive Material	UN2982	12,200		Radioactive
		For a complete description see US Ecology Nuclear Consolidated Shipment Manifest # 27588					

Remit C.O.D. to:

Address:

City:

N/A

State:

Zip:

COD

N/A
Amt: \$

C.O.D. Fee:

Prepaid ☐

Collect ☐ \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing
the agreed or declared value of the property. The agreed or declared value of the property
is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse
on the consignee, the consignee shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignee)

FREIGHT CHARGES

☐ PREPAID ☐ COLLECT

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of
packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property
under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all
or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the
bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself
and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and
labeled and are in proper condition for transportation according to the applicable regulations of the Depart-
ment of Transportation. Per: Arthur Remy

PLACARDS
REQUIRED

None

PLACARDS
SUPPLIED

☐ YES ☐ NO - FURNISHED BY CARRIER
DRIVER SIGNATURE:

SHIPPER: US Ecology Inc at Deko Remy

PER: Arthur Remy

DATE: 5/24/91

CARRIER: US Ecology Inc

PER: Arthur Remy

DATE: 5/24/91

FORM # 9-BLS-A (3 PLY)

Revised 11/82

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK,
FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

WASTE COLLECTOR/PROCESSOR USE ECOLOGY NUMBER

(2) BILL DISPOSAL CHARGES TO Brooker Project # 10322
NAME Louisville will Bill Gentrator
ADDRESS _____
CITY _____ STATE _____ PURCHASE ORDER # _____

CONSIGNEE TO: US ECOLOGY, Inc.
P.O. Box 638
Hamford Reservation
Richland, WA 99362
Phone: 509-377-2411

☐

US ECOLOGY, Inc.
P.O. Box 578
 Hwy 96, 12 miles South of
Beatty, NV 89003
Phone: 702-953-2203

☒

(4) CARRIER US Ecology Inc. SHIPPING DATE 5/24/91
CARRIER EPA # (if any) TL19 918 - 1915 - 72151
ADDRESS BOX 158
CITY Shelfield STATE IL ZIP 61361
PHONE (815) 872-0587
CASK TYPE 12B CASK SURFACE EXPOSURE RATE 12B

(54) WASTE COLLECTOR CERTIFICATION

ADP/Environmental USEC/OS/Project Manager 5/24/91

THIS IS TO CERTIFY THAT THE HEREIN NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. IT IS FURTHER CERTIFIED THAT THE HEREIN NAMED MATERIALS ARE IN COMPLIANCE WITH ALL REQUIREMENTS APPLICABLE AT THE DESIGNATED DISPOSAL SITE, AND THAT THE MATERIALS ARE CLASSIFIED AND DESCRIBED IN ACCORDANCE WITH THE REQUIREMENTS OF 18CFR, PART 61 AND PART 20.31 OR EQUIVALENT STATE REGULATIONS.

WASTE PROCESSOR'S AUTHORIZED SIGNATURE _____ DATE _____

(c)	TOTAL FOR EACH CLASS		REPORTABLE QUANTITY NAME (If any)	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
	# OF PACKAGES	WEIGHT (Pounds)			
				Radioactive Material, fissile, n.o.s. — Radioactive Material	UN2918
				Radioactive Material, low specific activity, n.o.s. — Radioactive Material	UN2912
	7	12,200	RQ	Radioactive Material, n.o.s. — Radioactive Material	UN2982
				Radioactive Material, limited quantity, n.o.s. — Radioactive Material	UN2910
				Radioactive Material, special form, n.o.s. — Radioactive Material	UN2974
				Radioactive Material, instruments and articles — Radioactive Material	UN2911
				Uranium Acetate (RD-5000/2270) — Radioactive Material	NA9190

(7)		SHIPMENT TOTALS (DO NOT WRITE IN SHADED AREAS)				
VOLUME (cu ft)	TOTAL # OF PACKAGES	SOURCE MATERIAL (Type)	SPECIAL NUCLEAR MATERIAL (grams)			
			U-233	U-235	PLUTONIUM	TOTAL
91.5	7	1.65	0	0	0	0
ACTIVITY						
ACTIVITY TOTALS:		TRITIUM	C-14	Tc-99	I-129	ALL ISOTOPES
<input type="checkbox"/> Curies <input checked="" type="checkbox"/> Millicuries (10CFR20.511)						
		0	0	0	0	1436.34

TERMS AND CONDITIONS

A. **TITLE:** Upon inspection and acceptance at the disposal site by US Ecology and all appropriate regulatory authorities, title to the Waste which conforms to Company's representations herein shall thereupon transfer from the Customer and be vested in US Ecology.

B. **WASTE PRODUCTS:** Customer represents and warrants that data set forth in this Radioactive Waste Shipment & Disposal Manifest is true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and the designated facility license.

C. **INDEMNIFICATION:** Customer agrees to indemnify US Ecology, its officers, employees and agents against all loss and liability whatsoever if such loss or liability results from the failure of the Waste to conform in all material respects to the data supplied on the Radioactive Waste Shipment & Disposal Manifest or this shipment (1) meet the standards prescribed by the Department of Transportation or any other governmental agency having jurisdiction over such matters.

FOR US ECOLOGY'S USE ONLY

TYPE OF CONTAINER	CONTAINER VOLUME CU. FT.	# OF PKGS.	CU. FT. PER CONTAINER TYPE
DRUMS			
OVERPACK			
55	7.50		
30	4.01		
5	0.67		
OTHER			
BOXES			
1st SIZE			
2nd SIZE			
3rd SIZE			
CASK LINERS			
OTHER			
OTHER			
SHIPMENT TOTALS			

LOAD EVALUATION

CHECK ALL THAT APPLY TO THIS LOAD. DESCRIBE INADEQUACIES IN COMMENT SECTION	
<input type="checkbox"/> Manifest Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected	<input type="checkbox"/> Bracing Inadequate <input type="checkbox"/> Labels, Markings, etc. Inadequate
<input type="checkbox"/> Unmarked/Exposure Plates Detected <input type="checkbox"/> No Violations Detected on this Load	<input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other

DESCRIBE THE EXTENT OF ANY VIOLATION CHECKED ABOVE AND THE REMEDIAL ACTION TAKEN

RESEARCH DATA

CONTAINER SEPARATION , ,
(Code all that apply to this row)
COOKS in Soil (SHH) 1.4PI waste (SHH) 2
10PI between upright containers (Kesse) 3
10PL soil (1/4 Chelates; Scoffold Oils) 4;
Other 5. No requirement 5.

INDICATE ARMOR IN BURNIN' DEPTH FOR EACH WASTE CATEGORY IN CASE

WASTE CATEGORY	FROM PNR.	CLASS A	CLASS B	CLASS C
DEPTH IN FEET				

Date Received _____

Data Displayed

Trench No.

☐ This material meets licensed limits.
☐ This material was disposed of in accordance with license.
 AUTHORIZED INITIALS: _____

USECOLOGY INVOICE # [] [] - [] [] [] [] [] []

USECOLOGY CUSTOMER # [] [] [] [] [] [] [] []
(Must agree with Agent named in Block 2)

USECOLOGY INVOICE DATE [] [] [] [] [] [] [] []
MO DY YR

DISCREPANCY CODE(S): [] [] [] [] [] [] [] []

BATES #

CUSTOMER COPY

KYR 99-003-3847
WASTE COLLECTOR/PROCESSOR USECOLOGY NUMBER

US Ecology Inc.
WASTE COLLECTOR/PROCESSOR NAME

USEcology Nuclear

USEcology, Inc.
an American Ecology company

Manifest Index & Regional Compact Tabulation

FOR WASTE COLLECTORS & WASTE PROCESSORS AS DESCRIBED IN 10 CFR 20.311 (e) & (f)

SHIPPING DATE: 5/24/91 MANIFEST NO. 27588

SHIPMENT NO.: 27588 PAGE 2 OF 4

List all original "PROCESSED WASTE" generators (if any) before "COLLECTED WASTE" generators:

QUENCE #	WASTE CODE (See Below)	USECOLOGY GENERATOR NUMBER	MANIFEST NUMBER	SITE USE PERMIT #	GENERATOR NAME	STATE	ORIGINATING COMPACT REGION	ACTIVITY (MILLICURIES)	VOLUME (CUBIC FEET)	HOT STATE SURCHARGE (DOLLARS)
1	C	INR 99-004-8654	27588	Q475	Delco Remy Plant 1	Indiana	Midwest	1436.34	91.5	3660
2					Columbus Ave Box 2439					
3					Anderson, Indiana 46018					
4										
5										
6					Contact: Carol Barry					
7					Telephone # (317) 646 2957					
8										
9										
10										
11										
12										
13										
14										
15										
16										
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32										
33										
34										
35										
TOTALS:								1436.34	91.5	3660

WASTE CODES: (See 10 CFR 20.311 (e) and (f) for further description.)

P = Processed Waste

C = Collected Waste

NOTE: Do not mix Waste Codes on the same line. Generators with both "P" and "C" waste should be listed twice with separate totals.

CUSTOMER COPY

AGENT/BROKER: USEcology Inc

USEcology, Inc. an American Ecology company

CONTINUATION SHEET

FOR BROKER USE ONLY:

Indicate one category for this page:

☐ This page describes PROCESSED waste
☒ This page describes COLLECTED waste

MANIFEST # 27588

PAGE 4 OF 4

REV. 4/91

[illegible]

NOTE #1 - Waste description Codes: Choose up to THREE; Select those which are predominant by volume; Use the most SPECIFIC Code(s) available.

VOLUME: _____ LITERS (GALLONS)		
CODE (Solids)	CODE (Treated Liquids)	CODE (Biological)
1. Compressor Bottoms	3. Solidified Liquids	4. Biological
2. Compacted Dry Active Waste	10. Sorbed Aqueous Liquid	14. Non-Carcinogenic Wastes
3. Non-Compacted Dry Active Waste	11. Sorbed Non-Aqueous Liquid	15. Carcinogenic Wastes in Lime and Sorbent
4. Cartridge-type Filter Media	12. Solidified Liquids in Vials in Sorbent	
5. Non-Cartridge Filter Media	13. Aqueous Liquids in Vials in Sorbent	
6. Activated Reactor Hardware	14. Sorbent Chabers	
7. Deactivated Resins	15. Gas	
8. Dry Solid	16. Other	

NOTE: 2 - Section Solidification/Stabilization Media Codes: CODE 99 = "NONE REQUIRED"

NOTE #2 - Sorption, Solidification, Stabilization Media Codes: CODE 04 - NOT A PRIORITY
Choose up to THREE: Select those which are predominant by volume; See disposal site license for limitations on each media.

[illegible]

CODE (Stabilization)

47.	LN Technologies Cement
48.	Stock Equipment Cement
49.	Westinghouse-Hitachi Cement
97.	Other Stabilization Media

NOTE #3 - NRC
Stability Class S - Stable
Code U - Unstable

GUSTOMER COPY

*ANY USE OF "OTHER" AS A DESCRIPTION MUST INCLUDE A WRITTEN AND SIGNED EXPLANATION ATTACHED TO THIS MANIFEST.

Ecology

an American Ecology company

June 26, 1991

Carol Barry
Delco Remy
P.O. Box 2439
Anderson, IN 46018

Dear Ms. Barry:

Attached you will find a copy of the receipt of disposal for your shipment of radioactive waste.

After removing all of the sources listed on the inventory I conducted a general area radiation survey of the room using a thin window (less than 2 mg/cm²) GM detector.

The purpose of this scan was to see if there was an indication of any other radioactive materials in the room.

The survey did not find any additional material.

If you have any questions please call.

Sincerely,



Andy J. Armbrust
Manager, Special Projects

AJA/pt

encl.

BATES # 445807

USEcology

an American Ecology company

This is to certify that the waste shipment described below was received and disposed at the US Ecology, Beatty Low-Level Radioactive Waste Disposal Facility. This certification satisfies the Acknowledgement of Receipt of Waste Conditions of the State of Nevada Radioactive Materials License 13-11-0043-02 issued to US Ecology, Inc.

GENERATOR NAME: US ECOLOGY

BATES NUMBER: 445807

GENERATOR NUMBER: KYR 99-003-3847

MANIFEST NUMBER: 27588

SHIPMENT NUMBER: 27588

DATE RECEIVED: 5/28/91

SIGNATURE: *D. Beatty*DATE: 5/29/91

Discrepancies (if any) between wastes listed on the manifest and waste materials received in the shipment:

NOTE: Any inquiries to this acknowledgement should be directed to the facility radiological control and safety officer.



September 16, 1991

Delco Remy
7601 E. 88th Place
Indianapolis, IN 46256

Attn: Ron Taylor

Re: Your P.O. 420308
Ohmart S.O. #CVGE-1160-09065

Sir:

This is to acknowledge the receipt of the following:

One (1) BAL source holder containing 1000 mCi Am-241,
original Ohmart shop order 2062-07006, serial number 1570.

This shipment was received on Ohmart Receiving Record #4686,
dated September 3, 1991.

We accept this material and will handle it in strict accordance
with the provisions of our license, with the regulations of the
U.S. Nuclear Regulatory Commission, the regulations of the U.S.
Department of Transportation and any other applicable laws or
regulations.

If you have any additional questions, please do not hesitate to
contact us.

Sincerely,

THE OHMART CORPORATION

Candy Brock
Administrative Assistant
Field Service Department

Ohmart's NRC License Number
34-00639-01

c: File
Sales
CVG
James Griffin (Delco Remy, Anderson, IN)

August 26, 1993

Mr. Herb Wilken
Buyer
General Motors/Delco
P.O. Box 2439
Anderson, IN 46018

Tel: 317-646-3635
Fax: 317-577-9008

Dear Mr. Wilken,

This letter is in response to a call by your Mr. Bob Rosseter regarding your old GR100 system #010301. We understand you want to dispose of the equipment, mainly the source device, which must be transferred to a specific licensee for disposal. In this case, the usual procedure is Gamma Instruments will accept the source device conditional to an inspection. If the sealed source capsule is intact with no damage and no detectable leakage, Gamma Instruments will accept the device. However, if there are any signs that the source is not in good condition, it will have to be returned to Amersham Corporation for disposal/storage. This will cost approximately \$6,000.00 if it has to be disposed of by Amersham.

Gamma Instruments will recover the source at our standard rates of \$895.00/day to drive to your facility, leak test and package the source device and return with it to our facility. We will inspect it at our facility and inform you of our determination. Included in this is all of the regulatory notification and transferral documentation relieving you of any further liability in connection with this device.

Please do not hesitate to call if you have any questions.

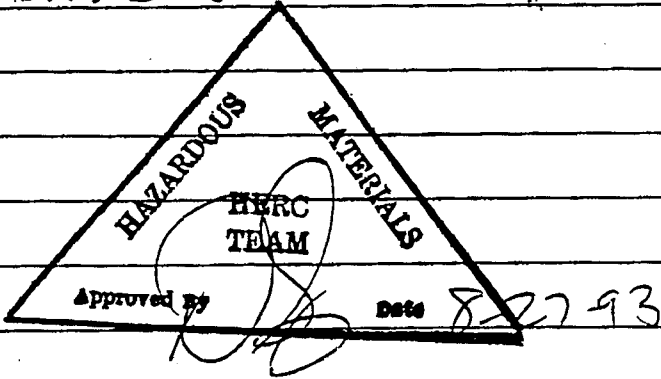
Sincerely yours,
Gamma Instruments, Inc.

WPB
William P. Born
President

WPB/ew

DATE TO SHIP	PLANT 39	REFERENCE No. 39470
F.O.B. Destinations		
TERMS 25P		

LEDGER	CHARGE ACCOUNT	DEPT.	DELIVER TO (BE SPECIFIC)		DEPT.	NOTIFY (NAME AND ROOM NUMBER)	
	9970	9140	39	ROOM		LAST	PLANT
						COSETTE	39

QTY	UNIT OF MEASURE	ITEM	DESCRIPTION	UNIT PRICE
1	Day	1	THIS ORDER TO COVER COST OF REMOVAL AND DISPOSAL OF A GAMMA INSTRUMENT MODEL GR 100 SOURCE DEVICE PER YOUR QUOTATION LETTER DATED AUGUST 26, 1993 FROM W. P. BOIS	895/DA
				

ENROUTE TO YOU ON DM # _____
RA # _____

there been a Quotation	YES <input checked="" type="checkbox"/>
lined on this requisition?	NO <input type="checkbox"/>
1 quotation - Why?	
Catalog Price Used	<input type="checkbox"/>
Verbal Price Obtained	<input type="checkbox"/>
insufficient time to obtain price	<input type="checkbox"/>
Quotation was obtained was	Yes <input type="checkbox"/>
more than one requested?	No <input checked="" type="checkbox"/>

w bid is not acceptable explain reason.

6. NOTE: Unless all questions under Item #8 are answered by originating dept. reqn. will not be accepted by purchasing dept.

A. Are Radio-Active materials involved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
B. Are any Radio-Frequency or X-Ray devices incorporated?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
C. In your opinion, does this work contain any confidential or patentable ideas?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

HERC

Originator <i>Robert W. Corlette</i>	Originator's Telephone No. <i>841-4890</i>
Approval	Buyer
Approval	Buyer Supervisor

nly one quotation was obtained explain reason.

ONLY SUPPLIER
OF THIS MATERIAL

ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL

Date: March 11, 1994

Company Name: Delco Remy Division - General Motors Corp.

Address: Muncie Battery
4500 S. Delaware Drive
Muncie, IN 47302

Attention: Mr. Steve Crisler

This is to certify that TN Technologies Inc. has received and accepted ownership of the radioactive material described below pursuant to applicable regulations and as authorized by our Texas Radioactive Material License LO3524:

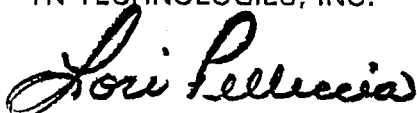
Isotope	Activity	Source Serial No.	Manufacturer	Model No.	Model Serial No.
Am-241	1000 mCi	1574	Ohmart	BAL	1574
Am-241	1000 mCi	1575	Ohmart	BAL	1575
Am-241	1000 mCi	1577	Ohmart	BAL	1577
Am-241	1000 mCi	1579	Ohmart	BAL	1579

This receipt should be retained in your files as a permanent record showing the disposition of this radioactive material.

If you have any questions or if we may be of further assistance, please contact me directly at 512-388-9291 or 800-736-0801.

Sincerely,

TN TECHNOLOGIES, INC.



Lori Pelliccia
Technical Services Coordinator

/llp

TN Technologies, Inc.

An EnviroTech company

P.O. Box 800 Round Rock, Texas 78680-0800
(512) 388-9100. Fax: (512) 388-9200. Telex: 77-6413



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

APR 11 1995

Delco-Remy Systems
General Motors Corporation
ATTN: Don Eckstein
2401 Columbus Avenue
Anderson, IN 46018

Dear Mr. Eckstein:

Enclosed is Amendment No. 23 which terminates your NRC License Number 13-10675-01 in accordance with your request.

If you have any questions or require clarification on any of the information stated above, you may contact us at (708) 829-9887.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gidget Watson", is written over the typed name.

Gidget Watson
Materials Licensing Section

License No. 13-10675-01
Docket No. 030-04385

Enclosure: Amendment No. 23

A handwritten signature in cursive script, appearing to read "Shirley Antelfield", is written in the bottom right area of the page.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

13-10675-01

Docket or Reference Number

030-04385

Amendment No. 23

General Motors Corporation
Delco-Remy Division
2401 Columbus Avenue
Anderson, IN 46018

In accordance with NRC Form 314 "Certificate of Disposition" dated December 20, 1994,
License Number 13-10675-01 is hereby terminated.



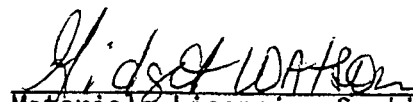
TERMINATED

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

April 11, 1995

By



Materials Licensing Section, Region III

Ca²⁺-0.2

COBOL 540 (10-98)

BAKNWELL

FORM 541

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

1. MANIFEST TOTALS

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS		NET WASTE VOLUME	NET WASTE WEIGHT	SPECIAL NUCLEAR MATERIAL (grams)			TOTAL	
		U-233	U-235	Pu				
1		NP	NP	NP		NP		
		ACTIVITY						
		ALL NUCLIDES	TRITIUM	C-14	Tc-99	I-129		
MBq		1.8600E+00	NP	NP	NP	(kgs) NA		
mCi		4.8000E-02	NP	NP	NP	(lbs) NA		

2. MANIFEST NUMBER

980663 S

3. PAGE 1 OF 1 PAGE(S)

4. SHIPPER NAME

DELPHI ENERGY/ FOR THE ACC

SHIPMENT ID NUMBER

980663 S

DISPOSAL CONTAINER DESCRIPTION

5. CONTAINER IDENTIFICATION NUMBER /	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m3) (ft3)	8. WASTE AND CONTAINER WEIGHT (kg) (lb)	9. SURFACE RADIATION LEVEL mSv/hr mrem/hr	10. SURFACE CONTAMINATION MBq/100 cm2 dpm/100 cm2		11. WASTE DESCRIPTOR (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (ft3)	13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3 & Note 3A)	14. CHEMICAL DESCRIPTION	15. RADIOLOGICAL DESCRIPTION	16. WASTE CLASSIFICATION
					ALPHA	BETA-GAMMA					INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL: OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT	
980663-001/APPLIED FOR 2390 SOUTH SCATERYFIELD ROAD ANDERSON, IN 46012	1	0.1416	81.8468	0.003	0	0	SC-H	0.1416	100	SEALED SOURCE NP	Ir-192	AS-Class A
		5.0000	180.0000	0.03	0	0		5.0000			Subtotal	Stable
Shipment Totals		0.1416	81.8468								Total	Unstable
		5.0000	180.0000									C-Class C

NOTE 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "OP."

NOTE 1A: Barnwell Specific Container Description Codes. (Choose one code as may be applicable.)

NOTE 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

NOTE 2A: Barnwell Specific Waste Descriptor Codes. (Choose all applicable codes.)

NOTE 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "S" and the media vendor and brand name must also be identified in Item 15, Code 100=NONE REQUIRED.

NOTE 3A: Barnwell Specific Solidification and Stabilization Media Codes. (Choose this code if applicable)