Certified Mail 7006 0100 0004 2244 2299

		APPROVED BY OMB: NO. 3150-0028	EXPIRES: 08/31/2010
C FORM 314 U	S. NUCLEAR REGULATORY COMMISSION	Estimated burden per response to comply with	
/20) R 30.36(j)(1); 40.42(j)(1); (j)(1); and 72.54(k)(5)(1)(1)			
		FOIA/Privacy Services Branch (1-5 F52), U.S.	acts@prc.gov.and to the Desk Officer, Office of
CERTIFICATE OF DIS	POSITION OF MATERIALS		
	Br. 3	Budget, Washington, DC 20503. If a means use	the NRC may not conduct or sponsor, and a
	01.5	person is not required to respond to, the informa-	lion collection.
NSEE NAME AND ADDRESS		LICENSE NUMBER	DOCKET NUMBER 030-35442
yer Corporation (Bayer Mate	erialScience BMS)	47-25529-01	050-55442
oo Kanawha Turnpike		LICENSE EXPIRATION DATE	
otuh Charleston, WV 25303		08/08/2008	
otuli Charleston, ++ + 20000	A. LICENSE STATUS (Check the	he appropriate box)	
This license has expired.	<ul> <li>This license has not yet expired; please</li> </ul>	ase terminate it.	
-	B. DISPOSAL OF RADIOAC	TIVE MATERIAL	
eck the appropriate boxes and co	omplete as necessary. If additional space is	see, certifies that:	
e licensee, or any individual exe	ecuting this certificate on behalf of the licen	by the licensee under this license.	
1. No radioactive materials	s have ever been procured or possessed b	time storiele procured and/or r	ossessed by the licensee
2. All activities authorized	by this license have ceased, and all radioa	he following manner.	
under this license numb	by this license have been disposed of in the er cited above have been disposed of in the re materials to the licensee listed below:		
✓ a. Transfer of radioactiv	e materials to the nooneee astra	OHMART /VEG. 4241 ALLEDORP	4 CORP.
		4241 ALLEDORP	h Drive
b. Disposal of radioactiv	ve materials:	CINCINNATI, OHI	045209
1. Directly by th	e licensee:	JOAN ROWLINS	(513) 272-0131 xr 150 ment 1) = RR
			58
		(see attach	ment DE DR
2. By licensed of	disposal site:		1 69
2. 2,			6 01
			P
	a transformer give prove		
3. By waste co	atractor.		
			07
	has that any ro	maining residual radioactivity is w	ithin the limits of 10 CFR
<ul> <li>c. All radioactive mate</li> <li>Part 20, Subpart E,</li> </ul>	rials have been removed such that any re-		
Part 20, Subpart E,	C. SURVEYS PERFORME	D AND REPORTED	
1. A radiation survey was	conducted by the licensee. The survey co		
a. the absence of lice	nsed radioactive materials	10 OFF 20 Cubpart E and is Al	ARA
b. that any remaining	residual radioactivity is within the limits of	10 CFR 20, Subpart E, and is AE	
2. A copy of the radiation	survey results:		
2	b. is not attached (Provide explanation);	or c. was forwarded to NRC of	Date
a. Is allached, or	ot required as only sealed sources were ev	ver possessed under this license,	and
		b. No leaking sources have	e ever been identified.
(See	attachment 2)		
The person to be contacted reg	arding the information provided on this for	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
NAME	TITLE Radiation Safety Officer	(304) 746-8506	gary.trent@ bayerbms . con
Gary W. Trent Mail all future correspondence regarding this lice			and the second
Gary W. Trent P.O. Bo	ox 3800/ South Charleston WV 2	5303 OFFICIAL	
	C. CERTIFYING RTIFY UNDER PENALTY OF PERJURY THAT	THE FOREGOING IS TRUE AND C	ORRECT
PRINTED NAME AND TITLE	SIGNATURE	MITS	DATE 05/16/2008
	×	Say w. 1-	
WARNING: FALSE STATEMENTS	IN THIS CERTIFICATE MAY BE SUBJECT TO C MPLETE AND ACCURATE IN ALL MATERIAL RES REPRESENTATION TO ANY DEPARTMENT OR AG	CIVIL AND/OR CRIMINAL PENALTIES SPECT. 18 U.S.C. SECTION 1001 MAKI	ES IT A CRIMINAL OFFENSE TO MA
SUBMISSIONS TO THE NRC BE CO WILLFULLY FALSE STATEMENT OR	IN THIS CERTIFICATE MAY BE SUBJECT TO MPLETE AND ACCURATE IN ALL MATERIAL RES REPRESENTATION TO ANY DEPARTMENT OR AG	ENCY OF THE UNITED STATES AS TO A	PRINTED ON RECYCLED
NRC FORM 314 (4-2008)			142694
construction II II II II			NINGS/DONI LIATOR ALS

### CERTIFICATE OF DISPOSITION OF MATERIALS

### PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

#### INSTRUCTIONS

#### Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

#### Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to ano ther licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license numb er.

#### Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

#### Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means r adioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

#### FILE CERTIFICATES AS FOLLOWS:

#### IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION NUCLEAR MATERIALS SAFETY BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND **CERTIFICATES TO:** 

MATERIAL RADIATION PROTECTION SECTION U. S. NUCLEAR REGULATORY COMMISSION, REGION IV 612 E. LAMAR BOULEVARD, SUITE 400 ARLINGTON, TX 76011-4125

OHMARTVEGA

Ohmart/VEGA Corporation 4170 Rosslyn Drive Cincinnati, Ohio 45209-1183 USA (800) FOR LEVEL Toll-Free in USA & Canada (513) 272.0131 Telephone (513) 272.0133 FAX

http://www.ohmartvega.com URL info@ohmartvega.com E-mail

April 09, 2007

Gary Trent Bayer MaterialScience 3200 Kanawha Turnpike South Charleston, WV 25303

Re: Your P.O. 260231654 Ohmart C.O. 6081883

Sir:

This is to acknowledge the receipt of the following:

Two (2) TN Model 5192 source holders, each containing 200 mCi (7.41 GBq) Cesium-137, serial numbers 524 and 567.

This shipment was received on March 16, 2007 referencing Ohmart/VEGA MRA # 14095D.

We accept this material and the transfer of ownership to Ohmart/VEGA. We 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,

andy Brock

Candy Brock Training Manager Source Return Specialist

Ohmart/VEGA's State of Ohio License Number 03214310002

c: File

STRAIGHT BILL OF LADING - SHORT FORM **ORIGINAL - NOT NEGOTIABLE** CCX (Name of Carrier) RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading. From: BAYER MATERIALSCIENCE Company 3200 Kanawha Turnpike Address: The property described below, in apparent good order, except as noted (content and condition of contents of packages unknown), marked, consigned, and destined as indicated below, 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 asis to destination, and as to each party at any time interested in all or any of said property, that every service to the part all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Official, Southern. Mast in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classifier Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading set forth the constitution of this shipment, and the said terms and conditions are hereby agreed to by the shipper a bill of lading set forth under separate contract, terms and conditions of tariff CNWY 199 apply under separate contract, terms and conditions of tariff CNWY 199 apply under separate contract, terms and conditions of tariff CNWY 199 apply. DEST SIC EDI/SPCL # Consigned to 29002-1H 4241 Allendorf Drive; Cincinnati, OH 45209 Destination Route Type Label T.I. Activity of Principal Kind of Packages, Description of Articles, Special Marks and Exceptions \*Weight Contents No. Radioactive H/ Sub. to Contents M Pkg. Cor. 0.00 GBq mCi 14.8 GBq Yellow II 0.2 RADIOACTIVE MATERIAL, TYPE A PACKAGE, 200# Cs-137 400 mCi х 7, UN 2915 1 Placards not Required Ohmart Contact: Joan Rowlins 513-272-0131 ext 150 Semi-Metalic Solid 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 applicable regulations of the Department of Transportation. 304-747-3982 24 Hour Emergency Contact: Third Party Bill To: 6081883-5144 SHIPPER'S REF. NO. V Prepaid 14095D MATERIAL RETURN AUTHORIZATION NO. Collect SIGNATURE OF PERSON PREPARING THE SHIPMENT RECEIVED BY NAME OF SHIPPER/OWNER Gary Trent Received date 3-13-07 CWCF Date signed 03/08/07 Permanent post office 3200 Kanawha Turnpike address of shipper: South Charleston, WV 25303 Date signed BILL MOSS Shipper's Signature

#070465 3-13-07 CCX



### LEAK TEST AND SOURCE HOLDER REPORT

	IMAR	VE	LIH	BAVE	R MATERIA	SCIEN	CE	TESTED BY	V	Wells	DATE	8-Mar-07
	ervice Order Numb								Gary Tren	.+		
			Address:	3200	Kanawha Tu	irnpike						
Custor	ner P.O. Number:			South	Charleston,	WV 253	03	PHONE NO.	304-746-8	3506		
2	260231654		Attn:	Gary	Trent			FAX NO.	304-746-8	3519		
								E-MAIL	gary.Tren	t@bayerbms	.com	
A SOUR	CE THAT TESTS OKAY SHOP ORDER	HAS REMO	ABLE CONT	AMINATIC mCi	SOURCE	SHIP	CUSTOMEN	LEAK TEST	LEAK TEST	SHUTTER	HOLDER	TAG CONDITION
NO.					HOLDER	DATE	SOURCE #	PERFORMED	RESULTS	Locked	Slight	Legible
1	Texas Nuclear	Cs-137	524	200	PNA 5192	Oct-74	Disposal	yes		LUCKEU	Rust/Corrosion Slight	
2	Texas Nuclear	Cs-137	567	200	PNA 5192	Jan-75	Disposal	yes		Locked	Rust/Corrosion	Legible
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Frequency

# HMARTUEGA

4241 Allendorf Drive Cincinnati, 0 hio 45209 513.272.0131 Fax 513.272.4381 e-mail gbrown@ ohmartvega.com

### Emergency Response Guide for O hmart/VEGA Corp.

Proper Shipping Name RADIOACTIVE MATERIAL NOSUN2982

OF RADIO ACTIVE MATERIAL, TYPE A PACKAGE UN 2915

#### HEALTH

- · Radiation presents minimal risk to transport workers, emergency response personnel, and the public during transportation accidents. Packaging durability increases as potential hazard of radioactive content increases.
- Undamaged packages are safe. Contents of damaged packages may cause higher external radiation exposure, or both external and internal radiation exposure if contents are released.
- Type A packages identified as "Type A" by marking on packages or by shipping papers contain non-life endangering amounts. Partial releases might be expected if "Type A" packages are damaged in moderately severe accidents.
- Radioactive White-I labels indicate radiation levels outside single, isolated, undamaged packages are very low (less than 0.005 mSv/h (0.5 mrem/h)).
- · Radioactive Yellow-II and Yellow-III labeled packages have higher radiation levels. The transport index (TI) on the label identifies the maximum radiation level in mrem/h one meter from a single, isolated, undamaged package.
- Radioactive materials used in O hmart/VEGA equipment can be detected by commonly available instruments.
- Water from cargo fire control may cause pollution.

#### FIRE OR EXPLO SION

Radioactivity does not change flammability or other properties of materials.

#### PUBLIC SAFETY

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, call 800-543-8668.
- · Priorities for rescue, life-saving, first aid, and control of fire and other hazards are higher than the priority for measuring radiation levels.
- · Radiation Authority must be notified of accident conditions. Radiation Authority is usually responsible for decisions about radiological consequences and closure of emergencies.
- Isolate spill or leak area immediately for at least 15 to 30 meters (50 to 100 feet) in all directions.
- Stay upwind.
   Keep unauthorized personnel away.
- · Detain or isolate uninjured persons or equipment suspected to be contaminated; delay decontamination and cleanup until instructions are received from Radiation Authority.

#### **PROTECTIVE CLOTHING**

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters'

protective dothing will provide adequate protection against internal radiation exposure, but not external radiation exposure.

#### **EVACUATION**

#### Fire

When a large quantity of this material is involved in a major fire, consider an initial evacuation distance of 300 meters (1000 feet) in all directions.

#### FIRE

- Presence of radioactive material will not influence the fire control processes and should not influence selection of techniques.
- Move containers from fire area if you can do it without risk.
- Do not move damaged packages, move undamaged packages out of fire zone.

#### **Small Fires**

Dry chemical, CO 2, water spray or regular foam.

#### Large Fires

- Water spray, fog (flooding amounts).
- Dike fire-control water for later disposal.

#### SPILL OR LEAK

- Do not touch damaged packages or spilled material.
- Damp surfaces on undamaged or slightly damaged packages are seldom an indication of packaging failure.

#### **FIRST AID**

- Medical problems take priority over radiological concerns.
- Use first aid treatment according to the nature of the injury.
- Do not delay care and transport of a seriously injured person.
- Apply artificial respiration if victim is not breathing.
- · Administer oxygen if breathing is difficult.
- · In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- · Injured persons contaminated by contact with released material are not a serious hazard to health care personnel, equipment or facilities.
- · Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
- : http://hazmat.dot.gov/gydebook.htm

### Atlachment 2 Ohmart/VEGA Corp.

4241 Allendorf Drive Cincinnati, OH 45209 Phone (513) 272-0131 Fax (513) 272-0133

### Leak Test Report

#### **Customer Information:**

Gary Trent Bayer Material Science 3200 Kanawha Turnpike South Charleston, WV 25303

Original SO/CO:	Texas Nuclear
Source Holder:	5192
Customer Tag # :	Disposal
Test Performed On	3/8/2007

#### **Test Information:**

Analyzed By:	David Brink	Testing Interval
Equipment #:	NS-0095	Next Test Due:
Calibration Due:	8/18/2007	Analysis Date: 3/20/2007
Result OK:	Activity less than 0.005	(µCi) [185Bq]
Defective:		

#### **Measurement Data:**

Leak Test CPM:	37
Background CPM:	34

Source Serial #:	Isotope:	mCi	GBq
567	Cs-137	200	7.4

Ohmart/VEGA's leak test analysis is done per work instruction NSI-0006 in compliance with Opto ODH License # 03214310002.

David Brink

5.201. Zoerf

Date

### Attachment 2 **Ohmart/VEGA Corp.** 4241 Allendorf Drive

Cincinnati, OH 45209 Phone (513) 272-0131 Fax (513) 272-0133

### Leak Test Report

#### **Customer Information:**

Gary Trent **Bayer Material Science** 3200 Kanawha Turnpike South Charleston, WV 25303

Original SO/CO:	Texas Nuclear
Source Holder:	5192
Customer Tag # :	Disposal
Test Performed On	3/8/2007

#### **Test Information:**

Analyzed By:	David Brink	<b>Testing Interval</b>		
Equipment #:	NS-0095	Next Test Due:		
Calibration Due:	8/18/2007	Analysis Date:	3/20/2007	
Result OK:	Activity less than 0.005 (	μCi) [185Bq]		
Defective:				

#### **Measurement Data:**

Leak Test CPM:	31
Background CPM:	34

Source Serial #:	Isotope:	mCi	GBq
524	Cs-137	200	7.4

Ohmart/VEGA's leak test analysis is done per work instruction NSI-0006 in compliance with philo ODH License # 03214310002.

David Brink

3.20.2007

Date

Attachment 3

## Bayer MaterialScience



Date: May 13, 2008

To: Director, Office of Federal and State Materials and Environmental Programs

From: G. W. Trent

**Subject:** Fingerprinting Requirements per EA-07-305

cc: Robert G. Gastinger - BMS Site Director James White - BMS Environmental Manager

To whom it may concern,

I recently received a letter of "Failure to Comply" regarding the order to fingerprint and perform criminal history records check, to meet requirements for unescorted access to certain radioactive materials, EA-07-305.

We, Bayer MaterialScience at the South Charleston Technology Park facility transferred our two sealed sources of Cs-137, under license no. 47-25529-01, to Ohmart Vega for disposal. This transfer took place in March 2007. We are currently in the process of preparing the license termination forms for these sources. Due to the Cesium 137 no longer being at this site, we are not subject to order EA-07-305.

Sincerely,

ay W. Tat

Gary W. Trent Radiation Safety Officer Bayer MaterialScience 3200 Kanawha Turnpike South Charleston, WV 25303



Licensing Assistant Section Nuclear Materials Safety Branch U.S. Nuclear Regulatory Commission, Region 1 475 Allendale Road King of Prussia, PA 19406-1415 1940631431-0002 Inillian Mailling Mail

This is to acknowled	dge the receipt of your letter/application dated $rcccvcd$
There were no a technical reviewed omissions or req	strative review has been performed. Ua+160 (47-15519-01) dministrative omissions. Your application was assigned to a er. Please note that the technical review may identify additional uire additional information.
A copy of your action	o this office within 30 days of your receipt of this card 
When calling to inqu You may call us on	en assigned <b>Mail Control Number</b> <u>1472694</u> . uire about this action, please refer to this control number. (610) 337-5398, or 337-5260.
NRC FORM 532 (RI) (6-96)	Sincerely, Licensing Assistance Team Leader