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690 Chesterfield Pkwy W • Chesterfield MO 63017-0760  
Phone 636-537-4000 • Fax 636-537-4798 • [www.chesterfield.mo.us](http://www.chesterfield.mo.us)

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November 14, 2011

Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Re: License Termination – City of Chesterfield (#24-23426-01)

To Whom It May Concern:

Enclosed is a completed NRC Form 314 as well as the paperwork showing the transfer of 2 Moisture Density Gauges from the City of Chesterfield to R.M. Wester and Associates.

Additionally, I have included a copy of the letter that was sent to Ms. Patty Pelke on August 16, 2010.

Please contact me at (636) 537-4766 or [mdooley@chesterfield.mo.us](mailto:mdooley@chesterfield.mo.us) if additional information is required.

Sincerely,

Matthew T. Dooley  
Compliance Supervisor

cc: Michael O. Geisel, Director of Planning, Public Works and Parks  
Brian McGownd, Public Works Director/City Engineer  
Susan Mueller, Principal Engineer  
NRC File

RECEIVED NOV 18 2011

(12-2010)  
10 CFR 30.36(j)(1); 40.42(j)(1);  
70.38(j)(1); and 72.54(k)(5)(1)(1)

## CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS  
City of Chesterfield  
690 Chesterfield Parkway West  
Chesterfield, MO 63017-0760

LICENSE NUMBER

24-23426-01

DOCKET NUMBER

030-31272

LICENSE EXPIRATION DATE

July 31, 2015

## A. LICENSE STATUS (Check the appropriate box)

- ☐ This license has expired. ☒ This license has not yet expired; please terminate it.

## B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- ☐ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- ☒ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:
- ☒ a. Transfer of radioactive materials to the licensee listed below:  
R.M. Wester and Associates, 215 Indacom Drive, St. Peters, MO 63376
- ☐ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee:
- ☐ 2. By licensed disposal site:
- ☐ 3. By waste contractor:
- c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

## C. SURVEYS PERFORMED AND REPORTED

- ☐ 1. A radiation survey was conducted by the licensee. The survey confirms:
- ☐ a. the absence of licensed radioactive materials
- ☐ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- ☐ 2. A copy of the radiation survey results:
- ☐ a. is attached; or ☐ b. is not attached (Provide explanation); or ☐ c. was forwarded to NRC on: \_\_\_\_\_ Date \_\_\_\_\_
- ☒ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- ☒ a. The results of the latest leak test are attached; and/or ☒ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Susan Mueller, P.E.	Radiation Safety Officer	636-537-4757	<a href="mailto:smueller@chesterfield.mo.us">smueller@chesterfield.mo.us</a>

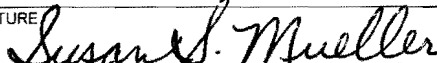
Mail all future correspondence regarding this license to:  
690 Chesterfield Parkway West, Chesterfield, MO 63017

## C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE  
Susan Mueller, P.E. - Radiation Safety Officer

SIGNATURE



DATE

11/14/11

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

## THIS MEMORANDUM

is an acknowledgment that if lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. \_\_\_\_\_

Carrier WEST STAR INDUSTRIES SCAC \_\_\_\_\_

Carrier's No. \_\_\_\_\_

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at 690 Chesterfield Pky W, Chesterfield MO, date 04-30-10 from City of Chesterfield

The Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or 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 of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: R M Wester and Associates Inc  
Consignee  
Street 215 Indacom Drive  
Destination St Peters MO Zip 63376

FROM: City of Chesterfield  
Shipper  
Street 690 Chesterfield Pky West  
Origin Chesterfield MO Zip 63017

Route

Major Roads &amp; Highways

Delivering Carrier

Vehicle  
NumberU.S. DOT Hazmat  
Reg. Number

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
2 cases	X	UN3332	RO, Radioactive Material, Type A	7	n/a		approx 140 lbs	
			package, special form, 7					
			ERG 164					
			Two CPN MC-3 gauges containing					
			Cs-137, 0.37 GBq (10 mCi) each and					
			Am-241, 1.85 GBq (50 mCi) each					
			SN M39089065 and SN 340602098					
			TI= 0.4 OC= 7 MB/HR					

Remit COD to:

Address:

City:

State:

Zip:

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 \_\_\_\_\_

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

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 Department of Transportation. Per \_\_\_\_\_

SHIPPER: City of ChesterfieldPER: [Signature] DATE: 04-30-10

EMERGENCY RESPONSE ( 636 ) 928-9628  
TELEPHONE NUMBER:

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor 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 Consignor)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid ☐Collect ☐ \$

FREIGHT CHARGES:

☐ Prepaid ☐ Collect☐ BY SHIPPER ☐ BY CARRIERPLACARDS  
REQUIRED

none

PLACARDS  
SUPPLIEDDRIVER'S  
SIGNATURE:CARRIER: WEST STAR INDUSTRIESPER: [Signature] DATE: 04-30-10

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

# R. M. WESTER & ASSOCIATES, INC.

215 INDACOM DRIVE - ST. PETERS, MISSOURI 63376  
(636) 928-9628 - FAX 928-9857

## RADIOACTIVE SEALED SOURCE LEAK TEST REPORT

Test Date: March 29, 2010

Analytical Date: March 29, 2010

### Source Identification:

Radionuclide: Cs-137 / Am-241Be

Activity: 10 mCi / 50 mCi

Manufacturer: CPN

Model No.: MC-3

Mach. S/N: M340602098

Source S/N: C-2098 / A-2098

Sample Submitted by: Kenneth Barnes

Facility: City of Chesterfield

Address: 690 Chesterfield Parkway W.

Chesterfield, MO

63017

The identified sealed source listed above has been tested for leakage of radioactive materials as required by the United States Nuclear Regulatory Commission. The analysis of the wipe material used in testing the sealed source reveals the presence of  $\leq 9.51 \times 10^{-5}$  &  $\leq 1.23 \times 10^{-4}$   $\mu\text{Ci}$  of loose contamination.

( XX ) This source is acceptable for continued use.

( ) This source has been found to have a level of loose contamination greater than 0.005  $\mu\text{Ci}$  of removable radioactive materials, and should be removed from service immediately.

( N/A ) Operational and performance check of shutter mechanism satisfactory.

Next leak test due by: September 29, 2010

Analysis by: Kenneth Barnes

Date: March 29, 2010

Reviewed by: Kevin McCann

Date: March 29, 2010

# R. M. WESTER & ASSOCIATES, INC.

215 INDACOM DRIVE - ST. PETERS, MISSOURI 63376  
(636) 928-9628 - FAX 928-9857

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Manufacturer:	<u>CPN</u>	Model No.:	<u>MC-3</u>
Mach. S/N:	<u>M39089065</u>	Source S/N:	<u>C-9065 / A-9065</u>

Sample Submitted by: Kenneth Barnes

Facility: City of Chesterfield

Address: 690 Chesterfield Parkway W.

Chesterfield, MO 63017

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August 16, 2010

U.S. Nuclear Regulatory Commission – Region III  
c/o Patty Pelke – Material Licensing Branch  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

Re: Portable Gauge Disposal


Dear Ms. Pelke:

This letter is to inform you that the City of Chesterfield has transferred possession of our 2 portable nuclear gauges to R.M. Wester and Associates. I have included copies of the Bill of Lading and letter of transfer to R.M. Wester.

As such, the City of Chesterfield respectfully requests that the NRC cancel our materials license as we are no longer in possession of said gauges.

If you have any questions, please advise.

Sincerely,

  
Susan Mueller, P.E.  
Radiation Safety Officer

Cc: Michael O. Geisel, Director of Planning and Public Works  
Brian McGownd, Public Works Director/City Engineer  
File



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April 30, 2010

Mr. Tjaden Meyer  
R.M. Wester & Associates  
215 Indacom Drive  
St. Peters, MO 63376

Re: Portable Gauge Disposal

Dear Tjaden:

Per the agreement between the City of Chesterfield and R.M. Wester, the City has officially transferred possession and ownership of the following Moisture Density Gauges to R.M. Wester & Associates:

- CPN-MC3 (#M39089065)
- CPN-MC3 (#M340602098)

Thanks again for all your help.

Sincerely,

Matthew T. Dooley  
Compliance Supervisor

Cc: Susan Mueller, Principal Engineer – RSO  
NRC File



690 Chesterfield Pkwy W  
Chesterfield MO 63017-0760

11/15/2011

Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

60532+4352

