

CITY OF FOUNTAINS
HEART OF THE NATION



KANSAS CITY
MISSOURI

KCMO PUBLIC WORKS

4721 COALMINE RD.
KANSAS CITY, MO 64130
PHONE: (816) 513-8700 • FAX (816) 513-8822

FACSIMILE TRANSMITTAL SHEET

TO:	<i>Mr. Loren J. Hueter</i>	FROM:	<i>Marty Ambriz</i>
FAX NUMBER:	<i>630-515-1078</i>	DATE:	<i>9/29/08</i>
COMPANY:	<i>City of Kansas City, MO</i>	TOTAL NO. OF PAGES INCLUDING COVER:	<i>9</i>
PHONE NUMBER:	<i>816-513-8762</i>		
RE:	<i>Control No. 317349 / License No. 24-15241-01</i>		

- URGENT
 FOR REVIEW
 PLEASE COMMENT
 PLEASE REPLY
 FOR INFORMATION

NOTES/COMMENTS:

As requested
Thank You,
Marty

CITY OF KANSAS CITY
BEAUTY OF THE NATION



KANSAS CITY
MISSOURI

Public Works Department
Construction Materials Testing Laboratory
4721 Coalmine Road
Kansas City, MO 64130

September 18, 2008

Attn: Mr. Loren J. Hueter
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352
(FAX 630-515-1078)

Re: Amendment of License No. 24-15241-01
(Maximum Possession Limit)

The City of Kansas City, Missouri establishes a total possession limit of 48mCi - Cs-137 and 200mCi - Am-241 for its Materials Testing Laboratory facility at 4721 Coal Mine Road in Kansas City, Missouri. These amounts provide values for License Item 6 on our amendment application.

A handwritten signature in black ink, appearing to read 'M. D. Ambriz', is written over a horizontal line.

Martin D. Ambriz, KCMO Materials Laboratory Manager
Radiation Safety Officer

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Attn: Mr. Loren J. Hueter
U.S. Nuclear Regulatory Commission, Region III
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Re: Amendment of License No. 24-15241-01
(2401 & 3241 Source Condition Statement)

The City of Kansas City, Missouri Materials Testing Laboratory recently decommissioned portable gauges identified as Model 2401 (Serial #01707), Model 3241 (Serial #00526), Model 3241 (Serial #00496) and Model 3241 (Serial #00525). Herewith, we are providing a copy of the letter from Troxler Electronics, dated November 6, 2007, showing receipt of the portable gauges listed. Also provided, are leak test reports for these 2401 and 3241 machines at the time of decommissioning. Furthermore, The City of Kansas City, Missouri Materials Testing Laboratory confirms that it has never possessed any gauges of these two makes and models that contained leaking sources.

Jeff Martin, P.E., Assistant City Engineer

Martin D. Ambriz, KCMO Materials Laboratory Manager
Radiation Safety Officer

10/13/07



Troxler Electronic Laboratories, Inc. - Troxler International, Ltd.
3008 Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 - USA
Telephone: 919/549-8881 Telefax: 919/549-0761

November 6, 2007

City of Kansas City
Public Works Department
4721 Coal Mine Road
Kansas City, MO 64130

Attn: Charles LaBerge

This is to acknowledge receipt of the below-referenced nuclear gauge(s) under North Carolina Radioactive Materials License #032-0182-1. You should retain this letter in your files to document transfer of the gauge.

Date Received: 11-01-07

Repair Order	Model	Serial Number
86845	2401	01707
86861	3241	00526
86862	3241	00496
86863	3241	00525

Regards,
Audrey Smith
Service/Repair Department
Troxler Electronics



Troxler Electronic Laboratories, Inc.
 3008 Cornwallis Rd., P.O. Box 12057
 Research Triangle Park, NC 27709
 Tel: (877) 876-9537 Fax: (919) 485-2250
 License: NC 032-0182-1

Troxler Leak Test
 RTP, NC

LEAK TEST CERTIFICATE

DEVICE:

Model: 3241 **Serial No:** 526

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
60-7762	12/13/1985	AM-241:BE	11.1	300

LEAK TEST ANALYSIS:

Sample collected on: 11/05/2007
Sample analyzed on: 11/06/2007 at 8:10:00 AM
Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.03E+01
Background measurement (cpm)	0	22
Sample measurement (cpm)	0	27
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



Troxler Electronic Laboratories, Inc.

3005 Cornwallis Rd., P.O. Box 12057
 Research Triangle Park, NC 27709
 Tel: (877) 876-9537 Fax: (919) 485-2250
 License: NC 032-0182-1

Troxler Leak Test
 RTP, NC

LEAK TEST CERTIFICATE

DEVICE:

Model: 2401 **Serial No:** 1707

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi	
64-3414	5/4/1972	CS-137	0.37	10	AM-241:BE 1.8 50

LEAK TEST ANALYSIS:

Sample collected on: 11/01/2007
Sample analyzed on: 11/02/2007 at 8:04:00 AM
Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.03E+01
Background measurement (cpm)	0	22
Sample measurement (cpm)	0	26
Activity (Bq)	< MDA	< MDA
Mln. Detectable Activity (Bq)	4.4E-01	1.2E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



Troxler Electronic Laboratories, Inc.
 3008 Cornwallis Rd., P.O. Box 12057
 Research Triangle Park, NC 27709
 Tel: (877) 876-9537 Fax: (919) 485-2250
 License: NC 032-0182-1

Troxler Leak Test
 RTP, NC

LEAK TEST CERTIFICATE

DEVICE:

Model: 3241 **Serial No:** 496

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
60-7756	12/13/1985	AM-241:BE	11.1	300

LEAK TEST ANALYSIS:

Sample collected on: 11/05/2007
Sample analyzed on: 11/06/2007 at 8:11:00 AM
Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.03E+01
Background measurement (cpm)	0	22
Sample measurement (cpm)	0	16
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**


Troxler Electronic Laboratories, Inc.

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 Research Triangle Park, NC 27709
 Tel: (877) 876-9537 Fax: (919) 485-2250
 License: NC 032-0182-1

Troxler Leak Test
 RTP, NC

LEAK TEST CERTIFICATE

DEVICE:

Model: 3241

Serial No: 525

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
60-7761	12/13/1985	AM-241:BE	11.1	300

LEAK TEST ANALYSIS:

Sample collected on: 11/05/2007

Sample analyzed on: 11/06/2007 at 8:13:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.30E+01	2.03E+01
Background measurement (cpm)	0	22
Sample measurement (cpm)	0	29
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	4.4E-01	1.2E+00

This certifies that the leak test results are:

 Less than 185 Bq (0.005 uCi)

 Greater than 185 Bq (0.005 uCi)

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2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352
(FAX 630-515-1078)

Re: Amendment of License No. 24-15241-01
(RSO Acknowledgement)

The City of Kansas City, Missouri acknowledges appointment of Martin D. Ambriz as Radiation Safety Officer (RSO) for NRC License No. 24-15241-01. Mr. Ambriz has successfully completed the training courses described in Criteria in the section entitled 'Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer' in NUREG-1556, Vol. 1, Rev. 1, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated November 2001. Mr. Ambriz understands NRC regulations pertaining to the portable gauge license and accepts the duties and responsibilities of RSO.



Jeff Martin, P.E., Assistant City Engineer



Martin D. Ambriz, KCMO Materials Laboratory Manager
Radiation Safety Officer