

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. Huster</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

* * * COMMUNICATION RESULT REPORT (SEP.24.2008 7:46AM) * * *

FAX HEADER: PW ENGINEERING

| FILE MODE | OPTION | ADDRESS (GROUP) | RESULT | PAGE |
|-----------|-----------|-----------------|--------|--------|
| 163 | MEMORY TX | 16305151078 | OK | P. 9/9 |

REASON FOR ERROR
 E-1) HANG UP OR LINE FAIL
 E-3) NO ANSWER

E-2) BUSY
 E-4) NO FACSIMILE CONNECTION

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

- URGENT
 FOR REVIEW
 PLEASE COMMENT
 PLEASE REPLY
 FOR INFORMATION

NOTES/COMMENTS:

Copy

NRC FORM 386 (R11)
(4-2004)



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4362

TELEFAX TRANSMITTAL

DATE: 9-18-08

NUMBER OF PAGES: 2
(including this page)

SEND TO: Martino P. Amberg

LOCATION: City of Kansas City, Missouri

FAX NUMBER: 816 - 513 - 8822 VERIFY BY CALLING SENDER

FROM: (SENDER) Loren J. Hunter

TELEPHONE NUMBER: 630 - 829 - 9829 FAX NUMBER: 630 - 575 - 1078

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE

NOTICE

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank you.

CONVERSATION RECORD

TIME | DATE

9-17-2008

VISIT CONFERENCE TELEPHONE

INCOMING
 OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

Martin D. Ambriz
RSO designate

ORGANIZATION (OFFICE, DEPT. ETC.)

City of Kansas City, Missouri
Public Works Department
Materials Testing Lab
Kansas City, MO

TELEPHONE NO.

816-513-8762
FAX -8822

SUBJECT

Control No. 317349 - Re request by letter dated July 14, 2008, to name Martin D. Ambriz as replacement for Jeffrey Martin as RSO for License No. 24-15241-01.

SUMMARY

In a telephone conversation with Mr. Ambriz on this date, he confirmed that no change is being requested for their gauge storage location (4721 Coal Mine Road). He also confirmed that they previously possessed Troxler Model Nos. 2401 and 3241B gauges but no longer possess either model as they were both returned to Troxler. I related that the following additional information would need to be provided:

1. Please provide a copy of a document signed by both yourself and a high level management representative of the licensee, acknowledging your appointment as the RSO and stating your understanding and acceptance of the duties and responsibilities this position entails.
2. Regarding the Troxler Model Nos. 2401 and 3241B as noted above, please provide documentation showing when the last gauge of each model was returned to Troxler, a copy of a record of receipt of the gauges by Troxler, a copy of a leak test record current (within the required leak test interval) as of the time of transfer which confirms the non-leaking status of the sealed sources within the gauges, and ~~statement confirming that you have never possessed any gauges of their two make and models that contained leaking sources as evidenced by routine leak test data. If indeed this is factual.~~
3. Also, in accord with current NRC policy in support of security issues, we discussed the need for the licensee to specify a total possession limit, to be added to License Item 8 for each radiolotope (Cesium-137 and Americium-241) listed in License Item 6 of the subject license. I related that the possession limit did not have to be limited to their current total possession but could allow for temporary replacement of gauge(s) and/or for planned expansions in gauge usage.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this conversation record will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

ACTION REQUIRED

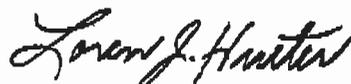
Licensee to provide requested response as additional information to Control No. 317349 and submit it by facsimile (630-515-1078). Please call me (630-829-9829) when you have sent the response. No follow-up hard copy is needed.

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Loren J. Hueter



9-17-2008

CITY OF FOUNTAINS
HEART OF THE NATION



KANSAS CITY
MISSOURI

**Public Works Department
Construction Materials Testing Laboratory**

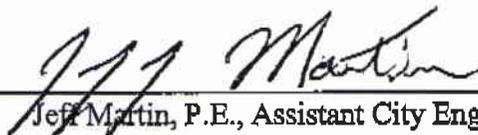
**4721 Coalmine Road
Kansas City, MO 64130**

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
(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

CITY OF KANSAS CITY
HEART OF THE MATION



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
(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



Troxler Electronic Laboratories, Inc. - Troxler International, Ltd.
3008 Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 - USA
Telephone: 919/549-8661 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.

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: 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 |
| 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.

3008 Cornwalls 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.

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: 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)

CITY OF FOUNTAIN
HEAD 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.

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