



**Gateway Constructors**

Granite • Fred Weber • Millstone Bongert

**8474 Delport Drive  
St. Louis, MO 63114  
Phone 314-524-9110, Fax 314-524-9111**

May 1, 2007

Nuclear Licensing Section  
U.S. Nuclear Regulatory Commission,  
Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

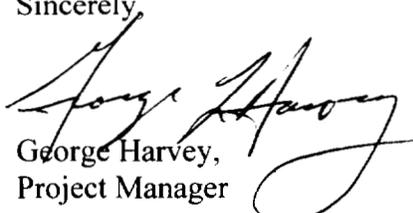
Reference: NRC Form 313  
Application of Material License

To Whom It May Concern:

This letter is to confirm that Gateway Constructors has made application for a Material License, required for possession of a licensed portable nuclear soil gauge. Gateway Constructors has identified Nestor Corella as the Radiation Safety Officer. Please refer to the attached original application date April 17, 2007.

Thank you for your assistance in finalizing this application.

Sincerely,



George Harvey,  
Project Manager

Attachment

Cc: file

RECEIVED MAY 2 1 2007



**Gateway Constructors**

8474 Delpport Dr.  
Vinita Park, MO 63114

Phone: (314) 524-9110  
Fax: (314) 524-9111

**Transmittal**

No. GC-SUB-160

**PROJECT** The New 1-64 Design Build Project

**Mo/DOT No.:** J610978

**TO:** Nuclear Licensing  
U.S. Nuclear Regulatory Commission, Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

**DATE:** 5/2/07  
**REF:** NRC Form 313

**ATTN:**  
cc:

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
<input type="checkbox"/> Shop Drawing	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Approved as Submitted
<input type="checkbox"/> Letter	<input type="checkbox"/> Your Use	<input type="checkbox"/> Approved as Noted
<input type="checkbox"/> Prints	<input type="checkbox"/> As Requested	<input type="checkbox"/> Return After Loan
<input type="checkbox"/> Change Orders	<input type="checkbox"/> Review and Comment	<input type="checkbox"/> Resubmit
<input type="checkbox"/> Plans		<input type="checkbox"/> Submit
<input type="checkbox"/> Samples	<b>Sent Via:</b>	<input type="checkbox"/> Returned
<input type="checkbox"/> Specifications	<input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Returned for Corrections
<input checked="" type="checkbox"/> Other:	<input type="checkbox"/> Picked Up:	<input type="checkbox"/> Due Date:

COPIES	DATE	SUBMITTAL NO.	REV. NO.	DESCRIPTION	STATUS
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1	5/1/07			Application of Material License	
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**Remarks:**

CC:

Signed:   
George Harvey

RECEIVED MAY 2 1 2007

**NRC FORM 313**  
(10-2005)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

**U.S. NUCLEAR REGULATORY COMMISSION**

**APPROVED BY OMB: NO. 3150-0120**

**EXPIRES: 10/31/2008**

Estimated burden per response to comply with this mandatory collection request: 4.4 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

**APPLICATION FOR MATERIAL LICENSE**

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

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

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

**IF YOU ARE LOCATED IN:**

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

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

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

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER \_\_\_\_\_
- C. RENEWAL OF LICENSE NUMBER \_\_\_\_\_

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Gateway Constructors  
8474 Delpert Drive  
Vinita Park, MO 63114

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

8755 Agnes Avenue  
Brentwood, MO 63144

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Nestor Corëlla

TELEPHONE NUMBER

(314) 524-9157 office

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3 p AMOUNT ENCLOSED \$ 1200.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

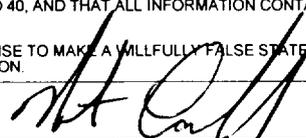
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Nestor Corella, Radiation Safety Officer

SIGNATURE



DATE

4/17/07

**FOR NRC USE ONLY**

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

## Gateway Constructors

### ITEM 5: Sealed Sources and Devices

	<u>Element and Mass Number</u>	<u>Device and Manufacturer</u>	<u>Maximum amount that will be possessed at one time</u>
A.	Cesium -137	Sealed Source Troxler Electric Labs Troxler #3440 Troxler #3450	No single source will exceed 9 mCi
B.	Americium - 241	Sealed Source Troxler Electric Labs  Troxler #3440 Troxler #3450	No single source will exceed 44 mCi

### ITEM 6: Purposes for which licensed material will be used.

	<u>Element and Mass</u>	<u>Purposes for which licensed material will be used.</u>
A.	Cesium -137	To be used in Troxler models 3440 & 3450 gauges for measurement of Physical properties of materials.
B.	Americium - 241	To be used in Troxler models 3440 & 3450 gauges for measurement of Physical properties of materials.

## Gateway Constructors

**ITEM 7**      **Individuals) Responsible for Radiation Safety Program  
and Their Experience - Radiation Safety Officer (RSO)**

**Name of proposed RSO:      Nestor Corella**

**Before obtaining licensed materials, the proposed RSO will have successfully completed one of 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, dated November 2001.**

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**ITEM 8**      **Training For Individuals Working In or Frequenting  
Restricted Areas**

**Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled "Training for individuals Working in or Frequenting Restricted Areas" in NUREG - 1556, Vol. 1, dated November 2001.**

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## Gateway Constructors

### ITEM 10      **Radiation Safety Program - Survey Instruments**

We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program - Instruments" in NUREG - 1556, Vol. 1, dated November 2001.

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### ITEM 10      **Radiation Safety Program - Material Receipt and Accountability**

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.

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### ITEM 10      **Radiation Safety Program - Occupational Dosimetry**

Either we will maintain, for inspection by NRC, documentation that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR part 20, or we provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.

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### ITEM 10      **Radiation Safety Program - Operating and Emergency Procedures**

We will implement and maintain the operating and emergency procedures in Appendix H of NUREG - 1556, Vol. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.

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## Gateway Constructors

### ITEM 10                      Radiation Safety Program - Leak Test

Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.

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### ITEM 10                      Radiation Safety Program - Maintenance

#### *Routine Cleaning and Lubrication*

We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.

#### *Non-Routine Maintenance*

We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.

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# CERTIFICATE OF COMPLETION

PRESENTED BY

**QAL-TEK ASSOCIATES, L.L.C.**

TO

*Nestor Corella*

FOR HAVING SUCCESSFULLY COMPLETED THE RADIATION SAFETY OFFICER TRAINING IN ACCORDANCE WITH THE REQUIREMENTS OF NUREG 1556 VOL 1 APPENDIX D, 10 CFR PARTS 19, 20 & 30, AND DOT HAZMAT IN 49 CFR PART 172

PRESENTED THIS

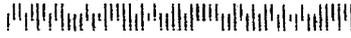
2<sup>nd</sup> Day of February 2005

Signature of Trainer \_\_\_\_\_

A handwritten signature in cursive script, appearing to read "Glenn Sawtelle".

/Glenn Sawtelle

Location Minneapolis, MN



**Gateway Constructors**  
Granite • Fred Weber • Millstone Bangert

8474 Delport Drive  
St. Louis, MO 63114



015H1412/772  
**\$0.87**  
05/15/07  
Mailed From 63114

US POSTAGE

*Materials Liscensing Branch  
US Nuclear Reg. Com./Reg.III  
2443 Warrenville Rd. #210  
Lisle, IL 60532-4352*