

Material Licensing Branch  
U.S. Nuclear Regulatory Commission  
Region – 111  
2443 Warrensville Road, Suite 210  
Lisle, IL. 60532-4352

RE: Request for Amendment #7  
License Number 24-32442-01

Please accept this correspondence as our request for Amendment to license number 24-32442-01.

We would like to add to line 9. Authorized Use:

Amendment to License to accommodate an XRF Analyzer Niton Lead Gun

The instrument is a sealed source and is manufactured by Niton Corp.

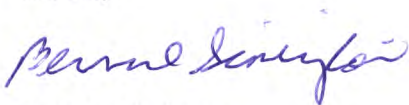
Max. Activity Asotope Cd-109 and 10mCi

Mnfr and Model Niton 309

1. We have a license on the Niton XRF Analyzer but we would like to stop that License # GL-711948-18 and add the XRF to our License # 24-32442-02.
2. The XRF Analyzer will be taken out of service because it is old and cannot be resourced.

Attached is a copy of our Nuclear Gauge License and a copy of our Niton License. If you have any questions, please give me a call.

Thanks,



Bernard Simington

RECEIVED FEB 12 2014



SECTION 1  
PAGE 1 of 2  
U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0198

Estimated burden per response to comply with the mandatory collection request: 20 minutes. NRC will use this information to track general licensees and their devices to ensure a higher level of device accountability. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@nrc.gov) to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (315-0-0000). 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.

I will  
like to Cancel  
This License and  
Add XRF  
Piton Analyzer to  
License  
# 24-32442-01

[illegible]



SECTION 1  
PAGE 2 of 2

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GL-711948-18

01/03/2014

## SECTION 2 - DEVICES SUBJECT TO REGISTRATION

## SECTION 2

Our records indicate that you have these devices. Please update the information as necessary.

PAGE 1 of 1

NRC Device Key                      670114                      (Internal Control Number)

Distributor/Distributed By: NITON CORPORATION

[illegible]

Distributor License Number: 3G-105-02

[illegible]

Manufacturer Name: NITON CORPORATION

[illegible]

Device Model (Not Source Model): 722Q

[illegible]

Device Serial Number: U14475822L

[illegible]

Transfer Date (Receipt Date): 11/08/2001

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MM

DD

YYYY

☐ Not in possession of device  
(Also complete Section 4.)

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1	AM241	50.000000000	mCi
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01/03/2014

## SECTION 4

PAGE 1 of 1

**Provide information about devices listed in Section 2 or 6, but no longer in your possession.**

## Transfer Date:

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Y Y Y Y

(complete Part 2)

[illegible][illegible][illegible][illegible][illegible][illegible]

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**Enter the name of the individual responsible for this device:**

[illegible][illegible]

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[illegible]



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENVILLE ROAD SUITE 210  
LISLE, ILLINOIS 60532-4352

NOV 04 2013

Mr. Robert Galbierz  
Radiation Safety Officer  
City Design Group, Inc.  
115 Branch Street  
St. Louis, MO 63147

Dear Mr. Galbierz:

Enclosed is Amendment No. 01 to your NRC Material License No. 24-32442-02 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

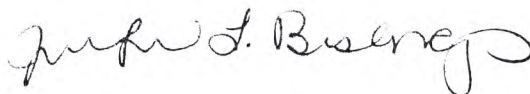
Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jennifer L. Bishop".

Jennifer L. Bishop  
Materials Licensing Branch  
Region III

License No. 24-32442-02  
Docket No. 030-38638

Enclosure: Amendment No. 01

## U.S. NUCLEAR REGULATORY COMMISSION

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee  1. City Design Group, Inc.  2. 115 Branch Street St. Louis, MO 63147		In accordance with letter dated <b>August 9, 2013,</b> 3. License number 24-32442-02 is amended in its entirety to read as follows: 4. Expiration date May 31, 2023 5. Docket No. 030-38638 Reference No. 030-36218
6. Byproduct, source, and/or special nuclear material  A. Cesium-137  B. Americium-241  C. Radium-226	7. Chemical and/or physical form  A. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.  B. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.  C. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.	8. Maximum amount that licensee may possess at any one time under this license  A. <b>No single source to exceed the maximum activity specified in the certificate of registration issued by the NRC or an Agreement State. Total possession limit of 77 millicuries.</b>  B. <b>No single source to exceed the maximum activity specified in the certificate of registration issued by the NRC or an Agreement State. Total possession limit of 338 millicuries.</b>  C. No single source to exceed 4.5 millicuries. Total possession limit of 9 millicuries.
9. Authorized use  A. and B. <b>For use in Campbell Pacific Nuclear Model MC-3, InstroTek Model 3500, and Humboldt Scientific, Inc. Model 5001 portable gauging devices for measuring physical properties of materials.</b>  C. For use in Seaman Nuclear Corporation Model Nos. 75 and C-200 portable gauging devices for measuring physical properties of materials.		

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
24-32442-02Docket or Reference Number  
030-38638**Amendment No. 01**CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 115 Branch Street, St. Louis, Missouri and may be used at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in application dated April 12, 2013.
12. The Radiation Safety Officer for this license is Robert W. Galbierz.
13.
  - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State.
  - B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
  - C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
  - D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U. S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
  - E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis; analysis of leak samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
  - F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 3 years.
14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
15. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
24-32442-02Docket or Reference Number  
030-38638**Amendment No. 01**

16. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
17. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport. A minimum of two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal whenever the portable gauge is not under the control and constant surveillance of the licensee are required.
18. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or other persons specifically licensed by the Commission or an Agreement State to perform such services.
19. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated April 12, 2013.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 04 2013By Frank P. D. TranFrank P. D. Tran  
Materials Licensing Branch  
Region III



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

March 2, 2009

Robert Galbierz  
Radiation Safety Officer  
City Design Group, Inc  
115 Branch Street  
St. Louis, MO 63147

**SUBJECT:**

- ☐ APPLICATION FOR NEW LICENSE TO USE NARM (Naturally Occurring and Accelerator-Produced Radioactive Material)
- ☒ APPLICATION FOR AMENDMENT TO INCLUDE THE USE OF NARM

Dear Galbierz:

This is to acknowledge receipt of your application to use NARM as noted in the box checked above. Your application for NARM is deemed timely filed.

Applications for new licenses and amendments to existing licenses are normally processed within 90 days. Any correspondence regarding your application should reference the control number specified below.

Materials Licensing Branch  
Telephone: 630-829-9887

Control No: 317963

NRC FORM 526  
(10-2009)  
10 CFR 171

U.S. NUCLEAR REGULATORY COMMISSION

# **CERTIFICATION OF SMALL ENTITY STATUS FOR THE PURPOSES OF ANNUAL FEES IMPOSED UNDER 10 CFR PART 171 FY 2010**

If you have QUESTIONS, e-mail them to: [fees.resource@nrc.gov](mailto:fees.resource@nrc.gov)

**SEE IMPORTANT INSTRUCTIONS FOR NRC FORM 526 ON PAGE 2 -- PLEASE READ CAREFULLY  
DO NOT COMPLETE OR RETURN THIS FORM IF YOU DO NOT QUALIFY AS A SMALL ENTITY**

NAME AND ADDRESS OF LICENSEE (as it appears on the invoice): <b>CITY DESIGN GROUP INC 115 BRANCH STREET ST. LOUIS, MO 63147</b>		INVOICE NUMBER <b>AM 1025-10</b>	BUSINESS TELEPHONE NUMBER <b>314-241-9072</b>
EMAIL ADDRESS <b>bsimington@citydesigngroupinc.com</b>		LICENSE NUMBER <b>24-32442-01</b>	CONTACT NAME <b>BERNARD SIMINGTON</b>
COMPANY WEBSITE ADDRESS <b>www.</b>		CONTACT TELEPHONE NUMBER <b>314-241-9072</b>	

SIZE STANDARDS (Select one box below, and only one, under which the entity qualifies as a small entity). (Check only A or B in that box)		MAXIMUM ANNUAL FEE PER LICENSED CATEGORY (See Items 2 and 3 on back)
<b>1. SMALL BUSINESS</b> A for-profit concern that is not engaged in manufacturing with average gross receipts of \$6.5 million or less over its last 3 completed fiscal years. For further information see 1a and 1b of attached instructions.	<input checked="" type="checkbox"/> A. \$450,000 TO \$6,500,000 <input type="checkbox"/> B. LESS THAN \$450,000	\$ 1,900  \$ 400
<b>2. MANUFACTURING INDUSTRY</b> A manufacturing concern with an average number of 500 or fewer employees based upon employment during each pay period for the preceding 12 calendar months.	<input type="checkbox"/> A. 35 to 500 EMPLOYEES <input type="checkbox"/> B. LESS THAN 35 EMPLOYEES	\$ 1,900  \$ 400
NAICS BUSINESS CODE (See 1b and 1e of attached instructions):		
<b>3. SMALL ORGANIZATION</b> A not-for-profit organization that is independently owned and operated and has annual gross receipts of \$6.5 million or less. For further information see 1a and 1b of attached instructions.	<input type="checkbox"/> A. \$450,000 TO \$6,500,000 <input type="checkbox"/> B. LESS THAN \$450,000	\$ 1,900  \$ 400
<b>4. SMALL GOVERNMENTAL JURISDICTION (INCLUDING PUBLICLY SUPPORTED EDUCATIONAL INSTITUTIONS)</b> A government of a city, county, town, township, village, school district, or special district with a population of 50,000 or less. For further information see 1f of attached instructions.	<input type="checkbox"/> A. 20,000 TO 50,000 POPULATION OF JURISDICTION <input type="checkbox"/> B. LESS THAN 20,000 POPULATION OF JURISDICTION	\$ 1,900  \$ 400
<b>5. SMALL EDUCATIONAL INSTITUTION THAT IS NOT STATE OR PUBLICLY SUPPORTED.</b> Only applicable to such small educational institutions if they have 500 or less employees. For further information see 1b and 1f of attached instructions.	<input type="checkbox"/> A. 35 to 500 EMPLOYEES <input type="checkbox"/> B. LESS THAN 35 EMPLOYEES	\$ 1,900  \$ 400

## **CERTIFICATION**

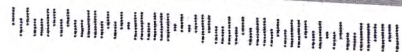
*This certification MUST be signed by the owner of the entity named above or an official empowered to act on behalf of the entity.*

I certify that the above named NRC licensee qualifies as a small entity under the size standards established by the NRC for its licensees in 10 CFR 2.810. The licensee qualifies as a small entity under the specific size standard indicated above.

**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. The submittal of willful false statements is punishable by fine or imprisonment, or both, and for purposes of this certification, may result in revocation or suspension of the license.

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.	TYPED OR PRINTED NAME AND TITLE	SIGNATURE	DATE
	<b>BERNARD SIMINGTON Pres.</b>	<i>Bernard Simington</i>	<b>3-17-2010</b>

City Design Group, Inc.  
115 Branch St.  
St. Louis, MO. 63147



Material Licensing Branch  
U.S. Nuclear Regulatory Commission  
Region – 111  
2443 Warrensville Road, Suite 210  
Lisle, IL. 60532-4352