



CONSULTING GEOTECHNICAL
ENGINEERS AND
GEOLOGISTS

ASSOCIATES, INC.

124 N. MISSISSIPPI AVENUE • ATLANTIC CITY, N.J. 08401

(609) 345-2727 ■
FAX (609) 345-1329 ■

NMSS August 24, 2007

Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Re: Transfer of Nuclear Densometers
By EGS Associates, Inc. Lic. No. 29-28670-01

Dear Sir/Madam;

This is to notify the U.S. Nuclear Regulatory Commission, Region I, that the two (2) nuclear densometers in possession of EGS Associates, Inc. were transferred to Gentech Engineering Associates, P.C. (Lic. No. 29-28739-01) on July 13, 2007 and upon receipt of the leak test results on 7/25/07, the two (2) nuclear densometers (Troxler Gauge Model 3440A, Serial Number 15315 and Troxler Gauge Model 3411, Serial Number 16690) were sold to Gentech Engineering Associates, P.C. on August 7, 2007.

The completed Certificate of Disposition of Materials and pertinent documents are attached herewith. It should be noted that copies of the attached documents were given to your representative, Mr. Craig Gordon, during his site visit to our office on August 8, 2007.

Please note that EGS Associates, Inc. will not be involved in the use of nuclear densometers in the future and therefore requests cancellation of its License and the appropriate refund for the remaining period.

Please contact our office if you have any questions or require additional information relative to this matter.

Sincerely,

EGS Associates, Inc.

Paul Echaniz, P.E.
President

140997

RECEIVED
REGION I

2007 AUG 29 AM 11:08

03032419

NMSS/RGN1 MATERIALS-002

FOUNDATION ENGINEERING ■ SOIL AND ROCK MECHANICS ■ CONSTRUCTION CONSULTATION ■ GROUND WATER MONITORING ■ GEOPHYSICS ■ ENVIRONMENTAL CONSULTATION

NEW YORK, N.Y. (212) 979-7984

CATSKILL, N.Y. (518) 943-9680

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 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, 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

EGS ASSOCIATES, INC.
124 N. MISSISSIPPI AVENUE
ATLANTIC CITY, N.J. 08401

LICENSE NUMBER

29-28670-01

DOCKET NUMBER

03032419 *new*

LICENSE EXPIRATION DATE

DECEMBER 31, 2011

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: *4/15/07 GENTECH ENGINEERING ASSOCIATES, P.C.*

b. Disposal of radioactive materials:

*LIC.# 29-28739-01
TARIQ BASHIR, P.E.
(732) 290-7113*

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: *PAUL ECHANIZ* TITLE: *PRESIDENT* TELEPHONE (include Area Code): *(609) 345-2727* E-MAIL ADDRESS: *egsine@comcast.net*
Mail all future correspondence regarding this license to _____

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE

PAUL ECHANIZ

SIGNATURE

Paul Echaniz

DATE

8/7/07

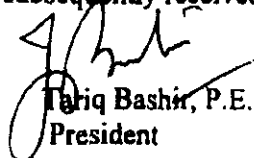
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION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

GENTECH**ENGINEERING ASSOCIATES, P.C.
CONSULTING ENGINEERS**

August 7, 2007

To Whom It May Concern,

On August 7, 2007, Gentech Engineering Associates, P.C.
(Lic. No. 29-28739-01) purchased two (2) nuclear densometers:
(Troxler Gauge Model 3440A, Gauge Serial Number 15315, Source Serial # 50-4219 &
47-10494), and
(Troxler Gauge Model 3411, Gauge Serial Number 16690, Source Serial # 47-12113 &
50-5559)
from EGS Associates, Inc.
The results of leak tests performed on each gauge were subsequently received.



Tariq Bashir, P.E.
President

GENTECH**ENGINEERING ASSOCIATES, P.C.
CONSULTING ENGINEERS**

July 13, 2007

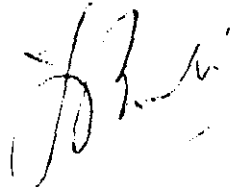
Paul Echaniz, P.E.
CME Associates
3141 Bordentown Ave.
Parlin, NJ 08859

Re: Troxler Gages

Dear Paul:

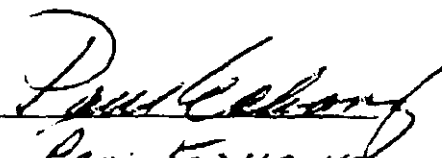
We will be storing your two Troxler(s) gages for about 2 weeks in our laboratory. Once you have received the leak test papers we will acquire the two troxlers. Attached is a check for \$2,500.00 for the purchase contingent upon the leak tests being acceptable and that the gages are in working condition.

Thank you.



Tariq Bashir
NRC Material Lic. #29-28739-01

Accepted By:



Printed Name:

PAUL ECHANIZ Date: 7/15/07

JRM 374

U.S. NUCLEAR REGULATORY COMMISSION

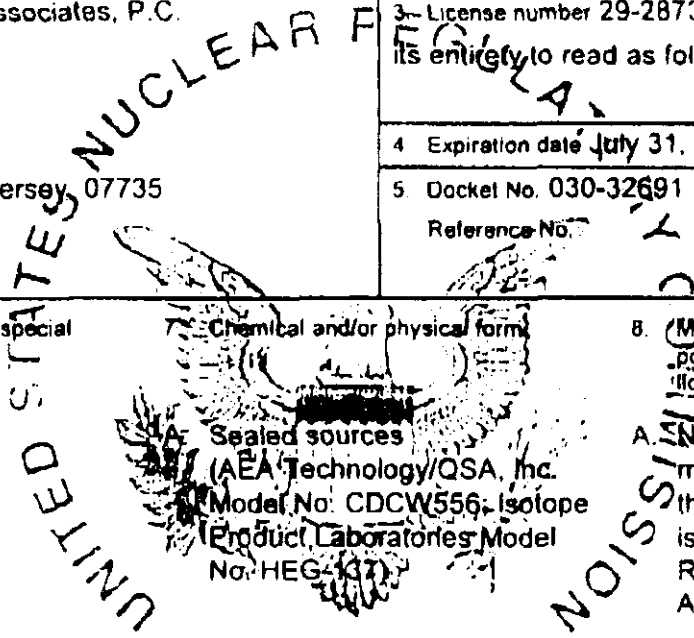
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Amendment No. 3

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.

<p>Licensee</p> <p>Gentech Engineering Associates, P.C.</p> <p>160 Route 35 North</p> <p>Cliffwood Beach, New Jersey, 07735</p>	<p>In accordance with the application dated April 30, 2002,</p> <p>3- License number 29-28739-01 is amended in its entirety to read as follows:</p> <p>4 Expiration date July 31, 2012</p> <p>5 Docket No. 030-32691</p> <p>Reference No.</p>
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Byproduct, source, and/or special nuclear material	Chemical and/or physical form	B. (Maximum amount that licensee may possess at any one time under this license
A. Cesium 137	<p>A. Sealed sources (AEA Technology/QSA, Inc. Model No. CDCW556; Isotope Product Laboratories Model No. HEG-107)</p>	<p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
B. Americium 241	<p>B. Sealed neutron sources (AEA Technology/QSA, Inc. Model No. AMNV 997; Isotope Product Laboratories Model Nos. 3021, 3027, and Am1.NO2)</p>	<p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>

Authorized use:

A and B. In Troxler Electronic Laboratories Model No. 3400 Series portable gauging devices for measuring physical properties of materials.

Copy of lic for purchase of Troxler gas. JB...

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

29-28739-01

Docket or Reference Number

030-32691

Amendment No. 3

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 160 Route 35 North, Cliffwood Beach, New Jersey 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, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. A. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated May 29, 2002.
- B. The Radiation Safety Officer for this license is Tariq Bashir.
12. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
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 the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of 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 the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.
- D. 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.

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U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
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License Number

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- E. 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.
- F. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
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 six months, or at other interval approved by the U.S. Nuclear Regulatory Commission, to account for sealed sources and/or devices received and possessed under the license.
16. Each portable nuclear 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 or storage, or when not under the direct surveillance of an authorized user.
17. 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 by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.
- B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.

FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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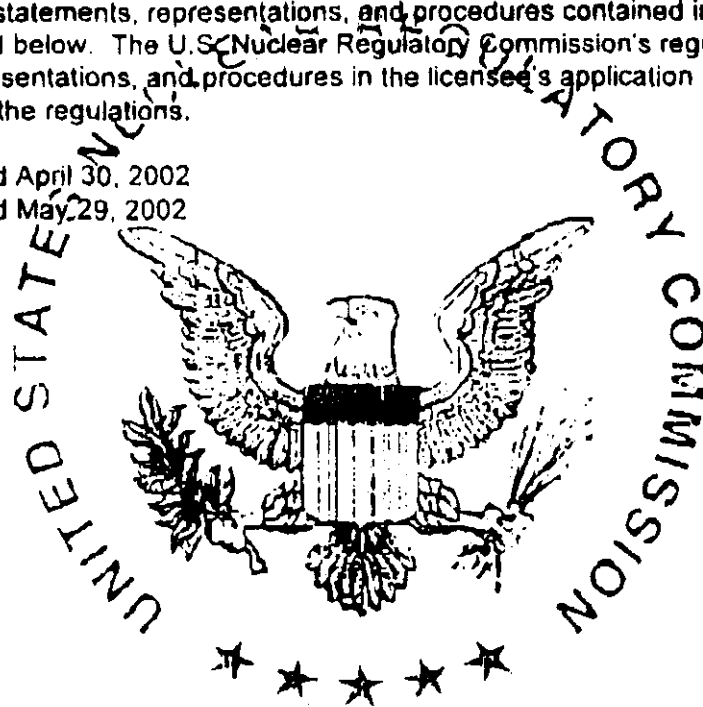
**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
29-28739-01

Docket or Reference Number
030-32691

Amendment No. 3

- 19. The licensee is authorized to transport licensed material 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 U.S. 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 30, 2002
 - B. Application dated May 29, 2002



For the U.S. Nuclear Regulatory Commission

Date July 18, 2002

By *Elizabeth Ullrich*
 Elizabeth Ullrich
 Nuclear Materials Safety Branch 2
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406

4861375



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

PAUL ECHANIZ
EGS ASSOCIATES, INC.
124 NORTH MISSISSIPPI AVE.
ATLANTIC CITY, NJ 08401

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 Serial No: 15315

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-10494	08/20/1987	AM-241:BE	1.48	40
50-4219	11/19/1987	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 07/15/2007
Sample analyzed on: 07/25/2007 at 10:02:00 AM
Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.29E+01	2.02E+01
Background measurement (cpm)	1	25
Sample measurement (cpm)	1	29
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	5.1E-01	1.3E+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

PAUL ECHANIZ
EGS ASSOCIATES, INC.
124 NORTH MISSISSIPPI AVE.
ATLANTIC CITY, NJ 08401

LEAK TEST CERTIFICATE

DEVICE:

Model: 3411

Serial No: 16690

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-12113	08/11/1988	AM-241:BE	1.48	40
50-5559	06/17/1988	CS-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 07/15/2007

Sample analyzed on: 07/25/2007 at 10:03:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.29E+01	2.02E+01
Background measurement (cpm)	1	25
Sample measurement (cpm)	0	28
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	5.1E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi)

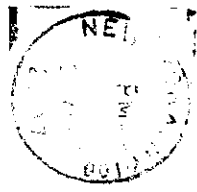
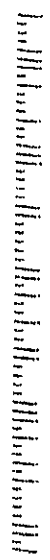
Greater than 185 Bq (0.005 uCi)

E G S
ASSOCIATES, INC.

CONSULTING GEOLOGICAL
ENGINEERS AND
GEOLOGISTS
124 N. MISSISSIPPI AVENUE
ATLANTIC CITY, NEW JERSEY 08401

*LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BOARD
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415*

19406-1415 0002



140997

This is to acknowledge the receipt of your letter/application dated

^{LTA} 8/24/2007 / ^{NRC 314} 8/27/2007, and to inform you that the initial processing which includes an administrative review has been performed.

^{TGRM. 29-28670-00} There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 140997.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.