



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 17, 2005

Docket No. 03034366  
Control No. 137040

License No. 20-20675-02

Douglas M. Beek  
Director, Quality Assurance  
EGS Gauging, Inc.  
Building 6  
900 Middlesex Turnpike  
Billerica, MA 01821-3947

SUBJECT: EGS GAUGING, INC., ISSUANCE OF LICENSE RENEWAL, CONTROL NO.  
137040

Dear Mr. Beek:

This refers to your request for renewal of your NRC license. Enclosed with this letter is the renewed license. 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 I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

The NRC expects licensees to conduct their programs with meticulous attention to detail and high standards of safety and compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your program according to NRC regulations, the conditions of your NRC license, and the representations made in your application. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify the NRC in writing of any change in mailing address.
3. In accordance with 10 CFR 30.36(d), notify the NRC, promptly, in writing, and request termination of the license
  - a) when you decide to terminate all activities involving materials authorized under the license; or
  - b) if you decide not to acquire or possess and use authorized material.
4. Request and obtain a license amendment before you:
  - a) change Radiation Safety Officers;

D. Beek  
EGS Gauging, Inc.

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- b) order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license; or
  - c) add or change the areas of use, or addresses of use identified in the license application or on the license; or
  - d) change the name or ownership of your organization.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations.

You will be periodically inspected by the NRC. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and the 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, imposition of a civil penalty, or an order suspending, modifying or revoking your license.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by David J. Collins***

David J. Collins  
Health Physicist  
Materials Security and Industrial Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 4

DOCUMENT NAME: E:\Filenet\ML051740303.wpd

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NAME	DJCollins / <b>DJC3</b> /							
DATE	6/17/05							

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**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 style="text-align: center;">Licensee</p> <p>1. EGS Gauging, Incorporated</p> <p>2. 900 Middlesex Turnpike, Building 6 Billerica, Massachusetts 01821-3947</p>	<p>In accordance with the letter dated February 22, 2005</p> <p>3. License number 20-20675-02 is renewed in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2015</p> <hr/> <p>5. Docket No. 030-34366 Reference No. 20-20675-01</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cobalt 60</p> <p>B. Krypton 85</p> <p>C. Strontium 90</p> <p>D. Cesium 137</p> <p>E. Promethium 147</p> <p>F. Polonium 210</p> <p>G. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Source</p> <p>B. Sealed Source</p> <p>C. Sealed Source</p> <p>D. Sealed Source</p> <p>E. Sealed Source</p> <p>F. Sealed Source</p> <p>G. Sealed Source</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not Applicable</p> <p>B. Not Applicable</p> <p>C. Not Applicable</p> <p>D. Not Applicable</p> <p>E. Not Applicable</p> <p>F. Not Applicable</p> <p>G. Not Applicable</p>
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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
20-20675-02Docket or Reference Number  
030-34366  
20-20675-01

Amendment No. 4

## 9. Authorized use:

## A. through G. For use and/or possession incident to:

- (1) Installation into or removal from gauging devices.
- (2) Installation, relocation, repair, and servicing of Eurotherm Gauging Systems devices, LFE, and other gauging devices of the same basic design as Eurotherm and LFE devices manufactured by the following companies: ABB Process Automation, Accuray, Advanz, Aeonics, Barber Colman, Betacontrol, FAG, Fife, Indev, Mahlo, Measurex, NDC Systems, Ohmart, and Yokogawa
- (3) Instruction and training of individuals in the use of gauging devices.
- (4) Removal and shipping from customers facilities, transfer, and disposal of sealed sources and devices manufactured by Eurotherm Gauging Systems, LFE and other devices manufactured by the companies listed in (2) above received from customers for disposal.

## CONDITIONS

10. Licensed material 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 of and in the physical presence of Douglas Beek or personnel who have completed the training described in the EGS Gauging, Incorporated Radiation Safety course or who have completed equivalent training.
- B. The Radiation Safety Officer for this license is Douglas M. Beek.
12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from the source holders by the licensee.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
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Amendment No. 4

- 13. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 14. 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 February 24, 2005      ML051440259



For the U.S. Nuclear Regulatory Commission

Date June 17, 2005

By *Original signed by David J. Collins*  
 David J. Collins  
 Materials Security and Industrial Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406-1415