



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

June 11, 2007

Docket Nos. 030-28619
030-37392
Control Nos. 139969
139970

License Nos. 37-23527-01G
37-23527-02

William E. Lynch
President
Isolite Corporation
31 Waterloo Avenue
Berwyn, PA 19312

SUBJECT: ISOLITE CORPORATION, AMENDMENT TO LICENSE, CONTROL NO.
139969 AND NEW LICENSE, CONTROL NO. 139970

Dear Mr. Lynch:

This refers to your request for amendment of your License No. 37-23527-01G and your request for a new NRC license, License No. 37-23527-02. Enclosed with this letter are the licenses. Please review the enclosed documents 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.

Please note that several items in your license amendment and new license requests are not included as part of the licenses because the NRC does not have jurisdiction in these areas. These items include:

- A. Transfer of returned signs from customers to Isolite West in San Luis Obispo, California. Their California License No. 5457-40GL only authorizes Isolite West to possess signs prior to distribution. It does not appear to authorize them to receive and store returned signs. They should check with the State of California to see if an amendment is required in order for customers to return signs to that location. We understand that you are aware of this, and were planning to wait to amend this license until the review of your application for a Sealed Source and Device review is completed.
- B. Transfer of broken or damaged signs to Co-Physics Corporation in New York. We confirmed with the State of New York that Co-Physics in New York is not at this time authorized to receive tritium signs for waste disposal. We understand that you are aware of this, and have committed to sending such materials only to facilities authorized for that particular activity.
- C. Transfer of returned devices to Shield Source in Canada for recycling of tritium. This activity requires a specific license from the NRC Office of International Programs for export of byproduct materials. We understand that you have applied for a specific

license to export luminous devices and that you will not export devices for recycle of tritium until that license is received.

- D. Use at temporary job sites in Agreement States. The NRC does not have jurisdiction to authorize activities in Agreement States; however, you may work under reciprocity if you receive approval from an Agreement State. Each Agreement State has its own process, and you will need to contact the appropriate agency at that time.
- E. The licenses currently refer only to devices manufactured by Safety Light Corporation at this time. When review of your application for a Sealed Sources and Device review is completed for those devices that will be manufactured by Shield Source, and for which you will be the U. S. manufacturer/distributor that holds the Sealed Source and Device Registrations, those devices can be added to the license.

When submitting future license amendments, please have the document signed by a management representative rather than the Radiation Safety Officer. The NRC views a letter signed by a management representative as indication that management has reviewed the application and concurs in the statements and representations contained therein. In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or a certifying official of the licensee rather than a consultant.

The NRC is required to have your Taxpayer Identification Number in order to make payments (refunds). The self-addressed, stamped NRC Form 531, "Request for Taxpayer Identification Number," is enclosed.

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;
 - 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 included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material; Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Elizabeth Ullrich

Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosures:

1. NRC Form 531
2. License No. 37-23527-01G, Amendment No. 9
3. License No. 37-23527-02

W. Lynch
Isolite Corporation

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cc:

Martha J. Rider, Radiation Safety Officer
D. Allard, Commonwealth of Pennsylvania
C. Brandt, State of New York
G. Butner, State of California

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SUNSI Review Complete: EUllrich

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NAME	EUllrich /BU/							
DATE	6/11/07							

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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.

Licensee 1. Isolite Corporation 2. 31 Waterloo Avenue Berwyn, Pennsylvania 19312	In accordance with the application dated January 15, 2007, 3. License number 37-23527-01G is amended in its entirety to read as follows: 4. Expiration date February 29, 2012 5. Docket No. 030-28619 Reference No.
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6. Byproduct, source, and/or special nuclear material A. Hydrogen 3 B. Hydrogen 3	7. Chemical and/or physical form A. As specified in Condition 11 B. As specified in Condition 12	8. Maximum amount that licensee may possess at any one time under this license A. Not applicable B. Not applicable
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9. Authorized use:

A. Pursuant to 10 CFR 32.51, the licensee is authorized to distribute the devices containing sealed sources specified in Condition 11 of this license to persons generally licensed pursuant to 10 CFR 31.5, or equivalent provisions of the regulations of any Agreement State.

B. Pursuant to 10 CFR 32.53, the licensee is authorized to distribute the devices containing sealed sources specified in Condition 11 of this license to persons generally licensed pursuant to 10 CFR 31.7, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The licensee may distribute material only from 31 Waterloo Avenue, Berwyn, Pennsylvania.
11. Each device distributed pursuant to 10 CFR 32.51 and the conditions of this license shall be in accordance with the following table:

<u>Device Model Number*</u>	<u>Source Model Number*</u>	<u>Maximum Activity</u>
2000-XX	LAB-785	3.71 curies per source and 25 curies per device

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
37-23527-01

Docket or Reference Number
030-28619

Amendment No. 09

<u>Device Model Number*</u>	<u>Source Model Number*</u>	<u>Maximum Activity</u>
SLX-60 (also known as the DXT, LTE, LTE-1, LTE U, XT, C3, and L3)	LAB-785	3.71 curies per source and 25 curies per device
880-12-6-XX	LAB-785	3.71 curies per source and 25 curies per device
2170	LAB-785	3.71 curies per source and 25 curies per device
2171	LAB-785	3.71 curies per source and 25 curies per device
101	LAB-785	3.71 curies per source and 25 curies per device
2040-XX	LAB-785	5 curies per source and 25 curies per device
2088	LAB-785	5 curies per source and 5 curies per device
2090	LAB-785	5 curies per source and 25 curies per device
2091	LAB-785	5 curies per source and 5 curies per device
2092	LAB-785	5 curies per source and 5 curies per device
SL	LAB-785	5 curies per source and 5 curies per device
LE	LAB-785	5 curies per source and 5 curies per device

*unless specified otherwise, device models and source models are Safety Light Corporation models.

12. Each device distributed pursuant to 10 CFR 32.53 and the conditions of this license shall be in accordance with the following table:

<u>Device Model Number*</u>	<u>Source Model Number*</u>	<u>Maximum Activity</u>
602	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device
604	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device
616	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device
758-14	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device
758-B	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device
758-D	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device
758-H	LAB-785 or LAB-752-1	3.3 curies per source and 10 curies per device

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
37-23527-01

Docket or Reference Number
030-28619

Amendment No. 09

<u>Device Model Number*</u>	<u>Source Model Number*</u>	<u>Maximum Activity</u>
AC Series	LAB-785 or LAB-752-1	5 curies per source and 10 curies per device
DB Series	LAB-785 or LAB-752-1	5 curies per source and 10 curies per device
HM-99	LAB-785 or LAB-752-1	5 curies per source and 10 curies per device
618-5791	LAB-785 or LAB-752-1	5 curies per source and 10 curies per device
DB/45 Comparator	LAB-785 or LAB-752-1	1 curie per source and 1 curie per device

*unless specified otherwise, device models and source models are Safety Light Corporation models.

13. This license does not authorize possession or use of licensed 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 January 15, 2007 [ML070180261]
 - B. Letter dated March 23, 2007 [ML070870699]
 - C. Letter dated March 26, 2007 [ML070870706]

For the U.S. Nuclear Regulatory Commission

Date June 11, 2007

By Original signed by Elizabeth Ullrich
 Elizabeth Ullrich
 Commercial and R&D Branch
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406