



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

July 27, 2007

Docket Nos. 030-28619  
030-37392  
Control Nos. 140796  
140797

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

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

SUBJECT: ISOLITE CORPORATION, LICENSE AMENDMENT, CONTROL NOS. 140796  
AND 140797

Dear Mr. Lynch:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. 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.

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](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. 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

W. Lynch  
Isolite Corporation

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Enclosure:

1. License No. 37-23527-01G, Amendment No. 10
2. License No. 37-23527-02, Amendment No. 1

cc:

Martha J. Rider, Radiation Safety Officer

DOCUMENT NAME: C:\FileNet\ML072140196.wpd

**SUNSI Review Complete: EUlrich**

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NAME	EUlrich / <i>BU</i> /							
DATE	7/27/07							

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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 letter dated July 10, 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>
<u>Safety Light Corporation Models</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. 10

<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
<u>Shield Source Inc. Models</u>		
2000-xx Series	LAB-785	3.71 curies per source and 25 curies per device
SLX-60	LAB-785	3.71 curies per source and 25 curies per device
XT	LAB-785	3.71 curies per source and 25 curies per device
C3	LAB-785	3.71 curies per source and 25 curies per device
L3	LAB-785	3.71 curies per source and 25 curies per device
DXT	LAB-785	3.71 curies per source and 25 curies per device
LTE-xx Series	LAB-785	3.71 curies per source and 25 curies per device
880-12-6-xx Series	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

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<u>Device Model Number</u>	<u>Source Model Number</u>	<u>Maximum Activity</u>
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 25 curies per device
LE	LAB-785	5 curies per source and 25 curies per device

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>
<u>Safety Light Corporation Models</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
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

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<u>Device Model Number</u>	<u>Source Model Number</u>	<u>Maximum Activity</u>
<u>Shield Source Inc. Models</u>		
602-xx Series	LAB-785	3.3 curies per source and 10 curies per device
604-xx Series	LAB-785	3.3 curies per source and 10 curies per device
616 Series	LAB-785	3.3 curies per source and 10 curies per device
758 Series	LAB-785	3.3 curies per source and 10 curies per device
AC Series	LAB-785	5 curies per source and 10 curies per device
DB Series	LAB-785	5 curies per source and 10 curies per device
HM-99	LAB-785	5 curies per source and 10 curies per device
618-5791	LAB-785	5 curies per source and 10 curies per device
DB/45 Comparator	LAB-785	1 curie per source and 1 curie per device

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

**Original signed by Elizabeth Ullrich**

Date July 27, 2007

By

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