

STUSSER ELECTRIC  
411 EAST 54TH ST.  
ANCHORAGE, AK. 99518

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1-Apr-13

U.S. NUCLEAR REGULATORY COMMISSION  
DIR. OF NUCLEAR MATERIALS SAFETY & SAFEGUARDS (NMSS)  
ATTN: DOCUMENT CONTROL CENTER/GLTS  
WASHINGTON D.C. 20555-0001

RE: REPORT                      January 1, 2013 Through March 31, 2013.

THE FOLLOWING IS A LIST OF SERIAL NUMBERS AND INSTALLATION  
ADDRESSES FOR UNITS SOLD DURING THE ABOVE REFERENCED TIMES.

OUR LICENSE NUMBER IS 50-23255-02. EXPIRATION DATE AUGUST 31, 2022.  
ALL UNITS HAVE 25 CURIES EACH OR LESS.

1 UNITS - SERIAL #	12-20847	
ISOLITE SLX60-20YR		
FINAL INSTALLATION:	MANIILAQ HEALTH CENTER	CONTACT:
	436 FIFTH AVE.	LEO GREENE
		OPERATIONS MGR.
	KOTZEBUE, AK. 99752	(907) 442-7466
2 UNITS - SERIAL #	12-20845, 12-20846	
ISOLITE SLX60-20YR		
FINAL INSTALLATION:	ATC MAGNET SCHOOL	CONTACT:
	1064 6TH AVE.	SHAROL EDENSHAW
		DIRECTOR OF TECH CTR.
	KOTZEBUE, AK. 99752	(907) 442-3702
9 UNITS - SERIAL #	12-20832, 12-20837 TO 12-20844	
ISOLITE SLX60-20YR		
FINAL INSTALLATION:	KUMIN ASSOCIATES & NERLAND AGENCY	CONTACT:
	808 G STREET	BUILDING MANAGER
		LINDA KUMIN
	ANCHORAGE, AK 99501	(907) 952-3911
-1 UNITS - SERIAL #	12-20832	RETURN OF A SIGN NOT USED
ISOLITE SLX60-20YR		
ORIGINALLY SOLD TO:	NORTHERN POWER CONSTRUCTORS	CONTACT:
	8123 HARTZELL RD.	PROPERTY OWNER
		APRIL HODGES
	ANCHORAGE, AK 99507	(907) 344-3436
3 UNITS - SERIAL #	12-20834 TO 12-20836	
ISOLITE SLX60-20YR		
FINAL INSTALLATION:	AKI BUILDING	CONTACT:
	1400 E. BENSON BLVD.	COURTNEY LEWIS
		PROPERTY MANAGER
	ANCHORAGE, AK 99503	(907) 770-2545

NMSSD1

1 UNITS - SERIAL # 12-20833

ISOLITE SLX60-20YR

FINAL INSTALLATION: CONOCO PHILLIPS

700 G. STREET

ANCHORAGE, AK. 99501

CONTACT:

JOHN LAWSON

FACILITIES PERSON

(907) 229-9268

3 UNITS - SERIAL # 12-20830 TO 12-20832

ISOLITE SLX60-20YR

FINAL INSTALLATION: NORTHERN POWER CONSTRUCTORS

8123 HARTZELL RD.

ANCHORAGE, AK 99507

CONTACT:

APRIL HODGES

PROPERTY OWNER

(907) 344-3436

38 UNITS - SERIAL # 12-20792 TO 12-20829

ISOLITE SLX60-20YR

FINAL INSTALLATION: AKI BUILDING

1400 E. BENSON BLVD.

ANCHORAGE, AK 99503

CONTACT:

COURTNEY LEWIS

PROPERTY MANAGER

(907) 770-2545

*OUR CURRENT STOCK IS AS FOLLOWS.*

0 UNITS ISOLITE SLX60-10YR,SERIAL #

0 UNITS ISOLITE SLX60-20YR,SERIAL #

ATTACHED YOU WILL FIND A COPY OF OUR MATERIAL  
SAFETY DATA SHEET AND YOU WILL ALSO FIND A COPY  
OF OUR MATERIALS LICENSE.

THIS CONCLUDES OUR REPORT.

April 1, 2013

THANK YOU  
DAVID J. LOCKWOOD  
BRANCH MANAGER  
STUSSER ELECTRIC  
411 EAST 54TH ST.  
ANCHORAGE,AK.99518  
(907)561-1061

**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>1. Consolidated Electric Distributors, Inc. dba Stusser Electric Company</p> <p>2. 411 East 54th Avenue Anchorage, Alaska 99518</p>	<p>In accordance with application dated March 1, 2012</p> <p>3. License number 50-23255-02 is amended in its entirety to read as follows:</p> <p>4. Expiration date August 31, 2022</p> <p>5. Docket No. 030-32753 Reference No.</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen-3</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Source (Isolite Corporation Model SLX-60)</p> <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 25 curies per source and 5000 curies total</p>
<p>9. Authorized use:</p> <p>A. Pursuant to 10 CFR section 32.51, the licensee is authorized to receive, store, and redistribute exit signs to persons generally licensed pursuant to 10 CFR Section 31.5, or equivalent provisions of an Agreement State.</p>	
<p>10. License material may be used or stored at the licensee's facilities located at 411 East 54<sup>th</sup> Avenue, Anchorage, Alaska.</p> <p>11. License material shall be used by, or under the supervision of David J. Lockwood or Patrick Belanger.</p> <p>12. 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. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.</p> <p>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."</p>	

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

50-23255-02

Docket or Reference Number

030-32753

Amendment No. 04

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 March 1, 2012

[ML12067A153]

B. Letter dated August 7, 2012

[ML12235A309]

C. Letter dated August 20, 2012

[ML12235A309]



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date August 23, 2012

By

Lizette Roldán-Otero, Ph.D., Health Physicist  
Nuclear Materials Safety Branch B  
Region IV  
Arlington, Texas 76011-4511

**Section V - Reactivity Data**

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid n/a
	Stable <input checked="" type="checkbox"/>	
Incompatibility (Materials to Avoid) n/a		
Hazardous Decomposition or Byproducts ${}^3\text{H}$		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions to Avoid n/a
	Will Not Occur <input checked="" type="checkbox"/>	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation? yes	Skin? yes	Ingestion? yes
Health Hazards ( <i>Acute and Chronic</i> ) Over exposure to ionizing radiation can cause cancer			
Carcinogenicity:	NTP? Not Listed	IARC Monographs? Not Listed	OSHA Regulated? No
Signs and Symptoms of Exposure n/a			
Medical Conditions Generally Aggravated by Exposure n/a			
Emergency and First Aid Procedures Consult: 1) Your Safety Officer, 2) Your Regional USNRC Office, 3) Your State Radiological Health Department			

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled 1-Ventilate area and remove sign to well ventilated area. 2-Wear gloves when handling damaged sign. 3-Remove all personnel from location during 60 minute ventilation period
Waste Disposal Method Transfer and disposition outlined in 10 CFR 31.5; Call 570-784-4344 or 800-888-5483 for instruction
Precautions to Be Taken in Handling and Storing Handle and store carefully as with any similar product
Other Precautions n/a

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) n/a				
Ventilation	Local Exhaust	normal	Special	n/a
	Mechanical ( <i>General</i> )	n/a	Other	n/a
Protective Gloves n/a		Eye Protection n/a		
Other Protective Clothing or Equipment n/a				
Work/Hygienic Practices		Do not disassemble or discard		

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**IDENTITY:** Self-Luminous Safety Device containing Tritium light sources

NOTE: blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

### Section I

Manufacturer's Name Safety Light Corporation	Emergency Telephone Number 570.784.4344
Address (Number, Street, City, State, and ZIP Code) 4150-A Old Berwick Road Bloomsburg, PA 17815	Telephone Number for Information 570-784-4344 OR 800-888-5483 Date Prepared 09011999 Signature of Preparer (optional)

### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIT TLV	Other Limits Recommended	% (optional)
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Radioactive gas (Tritium or  ${}^3\text{H}$ ) contained in hermetically sealed borosilicate glass tubes enclosed in protective housing.

USNRC MPC in air for all forms of  ${}^3\text{H}$  in unrestricted areas =  $1 \times 10^{-7}$  microCuries  $\text{H}^3$  / ml air

### Section III - Physical/Chemical Characteristics

Boiling Point	-414°F -248°C	Specific Gravity ( $\text{H}_2\text{O} = 1$ )	n/a
Vapor Pressure (mm Hg.)	260mm Hg @ -253°C	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water Slightly Soluble			
Appearance and Odor Sealed (glass) tube in protective housing; Odorless			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	n/a n/a	Flammable Limits n/a	LEL n/a	UEL n/a
Extinguishing Media CO2 or Dry Chemical - Avoid use of water to minimize contamination				
Special Fire Fighting Procedures Consult in advance: 1)Your Safety Officer, or 2) Your regional USNRC office, or 3) Your State's Radiological Health Dept				
Unusual Fire and Explosion Hazards Avoid inhalation of air in immediate vicinity of fire				