

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

30-Jun-16

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

RE: REPORT MARCH 31, 2016 THROUGH JUNE 30, 2016

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.

| | | |
|-----------------------|------------------------------------|------------------------|
| 9 UNITS - SERIAL # | H58780 TO H58785, H35543 TO H35545 | Ship Date 05/16/2016 |
| ISOLITE SLX60-20YR | | |
| FINAL INSTALLATION: | NANA WORLEY PARSONS | CONTACT: |
| | 5600 B ST. | DAVE FORSLAND |
| | | MANAGER |
| | ANCHORAGE, AK. 99518 | (907) 891-0807 |
| 3 UNITS - SERIAL # | H27979, H57980, H57975 | Ship Date 04/18/2016 |
| ISOLITE 204095SG-20YR | | |
| FINAL INSTALLATION: | ASD BOWMAN ELEMENTARY | CONTACT: |
| | 11700 GREGORY ROAD | PATRICK FREEMAN |
| | | PRINCIPAL |
| | ANCHORAGE, AK. 99516 | (907) 742-5611 |
| 3 UNITS - SERIAL # | H57976, H57977, H57978 | Ship Date 04/18/2016 |
| ISOLITE 204095SG-20YR | | |
| FINAL INSTALLATION: | ANCHORAGE SCHOOL DISTRICT | CONTACT: |
| | 1301 LABAR STREET | DANNY GAINES |
| | | MAINTENANCE SUPERVISOR |
| | ANCHORAGE, AK. 99515 | (907) 348-5133 |
| 2 UNITS - SERIAL # | H59590, H59591 | Ship Date 05/18/2016 |
| ISOLITE 204095S-20YR | | |
| FINAL INSTALLATION: | ANCHORAGE SCHOOL DISTRICT | CONTACT: |
| | 1301 LABAR STREET | DANNY GAINES |
| | | MAINTENANCE SUPERVISOR |
| | ANCHORAGE AK. 99515 | (907) 348-5133 |
| 1 UNITS - SERIAL # | H59589 | Ship Date 05/18/2016 |
| ISOLITE 204070-20YR | | |
| FINAL INSTALLATION: | ANCHORAGE SCHOOL DISTRICT | CONTACT: |
| | 1301 LABAR STREET | DANNY GAINES |
| | | MAINTENANCE SUPERVISOR |
| | ANCHORAGE, AK. 99515 | (907) 348-5133 |

NMSS10

OUR CURRENT STOCK IS AS FOLLOWS.

| | |
|--------------------------------------|------------------|
| 11 UNITS ISOLITE SLX60-20YR,SERIAL # | H35546 TO H35556 |
| 1 UNITS ISOLITE SLX60-20YR,SERIAL # | H35542 |
| 1 UNITS ISOLITE SLX60-10YR,SERIAL # | H49411 |
| 8 UNITS ISOLITE SLX60-10YR,SERIAL # | H59592 TO H59599 |

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.

June 30, 2016

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 style="text-align: center;">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> |
|---|--|--|

9. Authorized use:

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.

CONDITIONS

- 10. License material may be used or stored at the licensee's facilities located at 411 East 54th Avenue, Anchorage, Alaska.
- 11. License material shall be used by, or under the supervision of David J. Lockwood or Patrick Belanger.
- 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.
- 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."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
50-23255-02Docket 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 ${}^3_1\text{H}$ | | |
| 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

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|---|
| 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

U.S. Department of Labor

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

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) |
|---|----------|-----------|--------------------------|--------------|
|---|----------|-----------|--------------------------|--------------|

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 = 1×10^{-7} microCuries 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 | | | |