



GE Plastics

PUBLIC

April 12, 1994

General Electric Company  
7 LEXAN Lane, Mount Vernon, IN 47620-9364  
812-831-7000

Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137-5927

13-10455-01  
030-04383

Attention: Mr. James Mullauer  
Re: Renewal of License #13-10455-01  
Expiration Date: 03/31/94  
Program Code: 03120

Dear Mr. Mullauer:

This letter is the follow-up to our phone conversation on 4/6/94 concerning the renewal of our NRC Radioactive Material License No. 13-10455-01. I will address the disposition of each item listed in section #6 on our current license.

A. Krypton-85 - This source, as listed on our current license, was used in LFE Corporation devices that have been returned to LFE Corporation. These devices were replaced with devices manufactured by Measurex Systems, Inc. under a General NRC License Number GL 1856-43 from the State of California and, as I understand, do not need to be listed on our specific license. Please find attached documents from LFE Corporation indicating the return of the devices.

C. Americium-241 - Upon further investigation, it was found that this source does exist as a part of the device listed under Item B., Cadmium-109. The portable thickness gauge contains 3.0 millicuries of Cadmium-109, which is wipe tested every 6 months. The probe on the portable instrument contains 0.5 microcurries of Americium-241, which does not require wipe testing, according to Texas Nuclear. The statements in Section #6, Item B and Item C on our old license should continue to be on our new license.

D. Cesium-137 - This source was used in a Berthold device (for storage only) and was returned to Kay-Ray. Please find attached paper work on the return of this material.

G. Americium-241 - At the request of Kay-Ray Inc., this material was added to our license back on amendment request dated July 15, 1986. In actuality, the only source that was delivered to the site with this device was Cesium-137, which is covered on our license. We did not ever receive Americium-241 source with the device that we purchased from Kay-Ray. Please remove Item G. Americium-241 under Section #6 on our old license when you issue our new license.

Also, please find attached Application for Material License with the appropriate signature of the Certifying Officer which I had failed to provide on the original application. Please contact me on any questions. Thanks for your assistance and patience on this request for license renewal.

Sincerely,

*Jerry Uhde*  
Jerry Uhde  
Radiation Officer

APR 20 1994  
REGION III

9405270249 940412  
PDR ADOCK 03004383  
C PDR

180094

APR 20 1994  
396489

ML  
3P DH

(6-93)  
10 CFR 30, 32, 33  
34, 35, 36, 39 and 40

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT. SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION  
NUCLEAR MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA. SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
101 MARIETTA STREET, NW, SUITE 2900  
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN. SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, IL 60137-5927

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING. SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
811 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

RADIOACTIVE MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION V  
1450 MARIA LANE  
WALNUT CREEK, CA 94596-5368

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>13-10455-01</u></p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)</p> <p>GE Plastics 1 Lexan lane Mt. Vernon, IN 47620</p>
<p>3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>GE Plastics 1 Lexan Lane Mt. Vernon, IN 47620</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Jerry Uhde</p> <p>TELEPHONE NUMBER (812) 831-7285</p>

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

<p>5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time</p>	<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED</p>
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</p>	<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</p>
<p>9. FACILITIES AND EQUIPMENT.</p>	<p>10. RADIATION SAFETY PROGRAM</p>
<p>11. WASTE MANAGEMENT</p>	<p>12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY <u>3-P</u> AMOUNT ENCLOSED \$ <u>670.00</u></p>
<p>13. CERTIFICATION (Must be completed by applicant): THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</p>	

<p>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE Jack Kolcun/MANAGER OF SAFETY</p>	<p>SIGNATURE <i>J. Kolcun</i></p>	<p>DATE 3/25/94</p>
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FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED \$	CHECK NUMBER	COMMENTS
APPROVED BY				DATE	

LIFE INDUSTRIAL SYSTEMS CORPORATION

55 GREEN STREET  
CLINTON, MASSACHUSETTS

TELEFAX - MESSAGE



(508) 365-3400

FAX: (508) 365-3455

TO: (COMPANY) GENERAL ELECTRIC DATE: 4-12-94  
 ATTN: GERRY MHDE  
 FROM: BILL PRENDERGAST Number of pages: 3  
 (including cover)  
 SUBJECT: LIFE SOURCE

MESSAGE: FOR SECTION #6, ITEM A, KRYPTON ON OLD  
GERRY: LICENSE,

LIFE SOURCE MODEL S-70A  
 SERIAL 8420 WAS SHIPPED TO  
 GENERAL ELECTRIC ON MARCH 31,  
 1972 AND RETURNED TO LIFE  
 ON MAY 13, 1981.

LIFE SOURCE MODEL S2-A2 SERIAL  
 74 WAS SHIPPED TO GENERAL  
 ELECTRIC ON FEB. 3, 1967 AND  
 RETURNED TO LIFE ON MAY 13, 1981,  
 THE RETURN OF BOTH SOURCES WAS  
 REPORTED TO NRC ON AUG 11, 1981.  
 A COPY OF MY REPORT IS ENCLOSED.

SINCERELY

Bill



Process Control Division

1801 Trapelo Road,  
Waltham, Massachusetts 02154  
Tel: (617) 890-2000

August 11, 1981

License Management Branch  
Division of Fuel Cycle and Material Safety  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Sir:

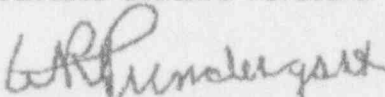
Re: License No. 20-01382-16G

I am enclosing a report of transfers of devices to and from persons generally licensed under Section 31.5, 10 CFR 31. The period covered is the second quarter of 1981.

Please consider the information contained in this report to be proprietary information.

Very truly yours,

LFE CORPORATION  
PROCESS CONTROL DIVISION

  
William R. Prendergast  
Radiation Safety Officer

REGISTER OF GENERALLY LICENSED DEVICES

PERIOD 4-1-81 TO

APR-12-1994 12:42 FROM LIFE INDUSTRIAL SYSTEMS TO 91812831483759 P.83

TRANSFERRED FROM	FRAME	DEVICE		SOURCE		ISOTOPE	mCi STRENGTH	DATE
		MODEL	SERIAL	MODEL	SERIAL			
<del>G. H. DEXTER</del> WINDSOR LOCKS, CT	-	-	-	S-70A	8339	KR-85	1200	4-24-81
<del>O'SULLIVAN RUBBER</del> WINCHESTER, VIRGINIA	-	-	-	S-70A	8113	KR-85	1200	4-24-81
→ GENERAL ELECTRIC MT. VERNON, IND.	-	-	-	S-70A	8420	KR-85	1200	5-13-81
→ GENERAL ELECTRIC MT. VERNON, IND.	-	-	-	S2A2	74	SR-90	100	5-13-81
<del>UNIROYAL</del> 154 GROVE STREET CHICOPEE FALLS, MA	-	-	-	S2A2	727	SR-90	80	6-17-81
<del>UNIROYAL</del> 154 GROVE STREET CHICOPEE FALLS, MA	-	-	-	S2A2	426	SR-90	92	6-17-81

TOTAL P. 83

FOR SECTION ITEM D, CESIUM 137 ON OLD LICENSE.

DATA SHEET FOR RETURN OF RADIOACTIVE MATERIAL

Customer Name:

GE. Co.

Street Address (P. O. Box not acceptable):

1407 69 SOUTH

City, State, Zip:

MIT VERMONT, IN 47620

Key-Tag No.:

N/A

FES Rep.:

BENNY HAYDEN

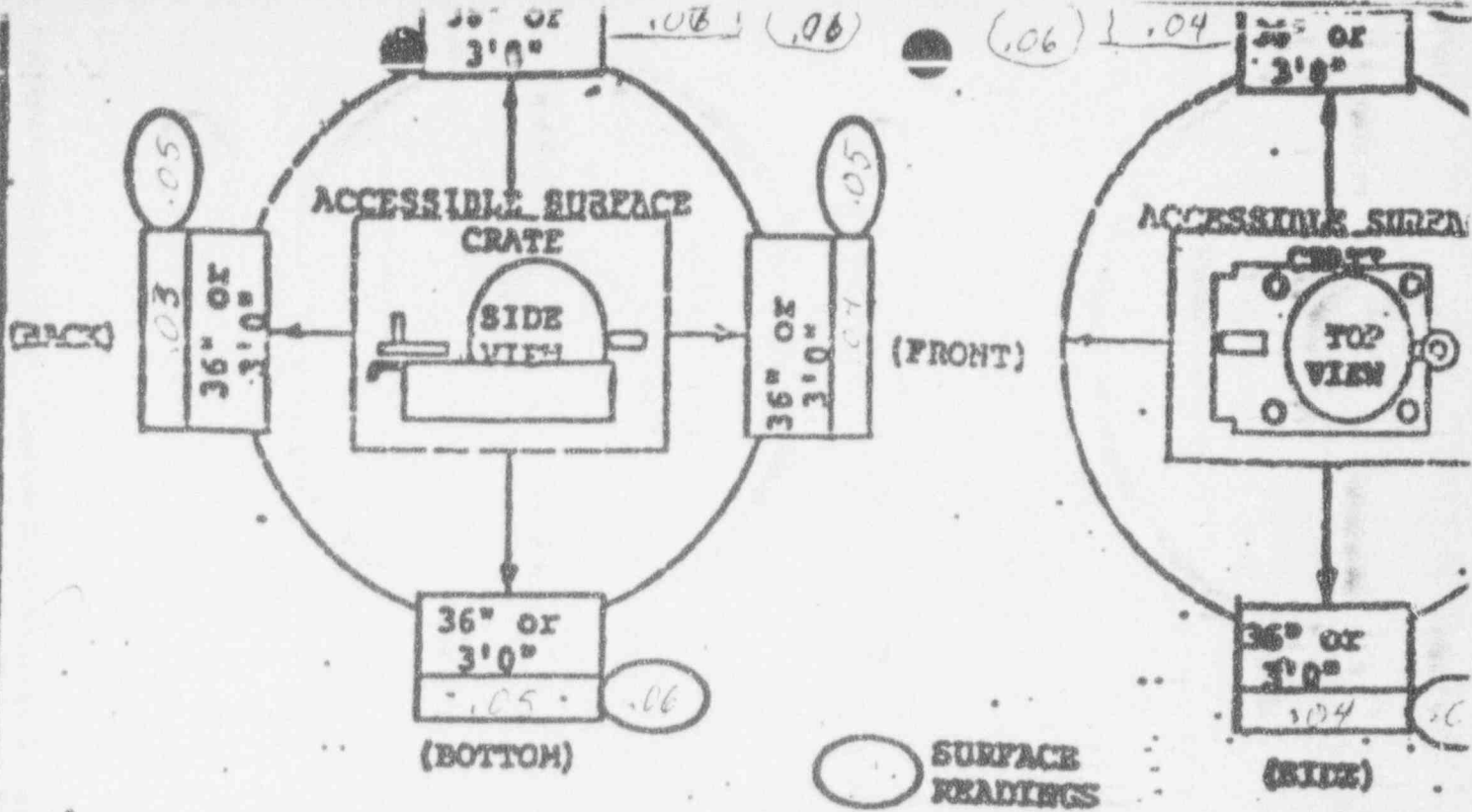
Name and phone number of responsible party:

STEVE DEFUR (812) 831-7397

(STORAGE)  
BERTHOLD

	Source Head			Source Head		
	#1	#2	#3	#4	#5	#6
Serial No.	66	68	70	72	64070	100051 10009 10009
Model No.	5178A	5178A	5178A	5178A	ELE-20	07547 07547
Isotope	Cs137	Cs137	Cs137	Cs137	Cs137	Cs137 Cs137
Quantity of mCi	50mCi	50mCi	50mCi	50mCi	150mCi	10mCi 10mCi

	Crate #1	Crate #2
Source Head #	1, 2, 3, 4, 5	6, 7
Net Weight	752 LBS	375 LBS
Gross Weight	792 LBS	395 LBS
Outside Dimensions	2 x 2 x 4	2 x 2 x 2
Transport Index	0.02/HR YELLOW 2	0.05/HR YELLOW 2



CUSTOMER NAME: GENERAL ELECTRIC

SOURCE MODEL NUMBER: 17547

SOURCE SERIAL NUMBER: 1095, 10, 75 + 1089, 10, 75

TESTED AND APPROVED BY: [Signature]

DATE: 4-18-90 KR: N/A

RADIONUCLIDE: CS-137 ACTIVITY: 2 x 10 mCi

COMMENTS: 0.5 mR/hr. Yellow 2.

**DOSE RATE LIMITS**

LABEL RADIOACTIVE	AT 36" OR 3'0" FROM EXTERNAL SURFACE	ANY ACCESSI POINT ON SUR
"WHITE I"	0	0.5 MR/HR
"YELLOW II"	1.0 MR/HR	50 MR/HR
"YELLOW III"	10 MR/HR	200 MR/HR

TITLE: RADIATION SURVEY WORK SHEET FOR RETURNED GOODS

TOLERANCES  
 FRACTIONAL = ± 1/34  
 ANGULAR = ± 30 MIN.  
 .00 = ± 0.010 / .000 = ± .005

**KAY** KAY-92  
 DESIGN (REV) 12

1	REVISION DESCRIPTION	DATE	SCALE: 1/8" = 1"
2	REVISED & REDRAWN	13/6 [Signature] 10-20-97	DWN: [Signature] D: