

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: NR-420-D-814-B

DATE: September 8, 1995

PAGE 1 OF 2

DEVICE TYPE: "O" Frame Beta Gauges

MODEL: SC-7D, SC-7E

MANUFACTURER/DISTRIBUTOR:

LFE Industrial Systems Corporation
55 Green Street
Clinton, MA 01510

SEALED SOURCE MODEL DESIGNATION: LFE Model S-6

ISOTOPE:

Krypton-85

MAXIMUM ACTIVITY:

750 millicuries (27.8 GBq)

LEAK TEST FREQUENCY: 6 Months

PRINCIPAL USE: (E) Beta Gauges

CUSTOM DEVICE: _____ YES _____ X _____ NO

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DEVICE TYPE: "O" Frame Beta Gauges

DESCRIPTION:

The Model SC-7D beta gauge is mounted on a "C" frame. The source used is the LFE Model S-6 containing up to 750 mCi of Kr-85. The source "open" and "closed" position is visually displayed by colored lights mounted atop the gauge frame. The source shutter mechanism is electrically operated against an extension spring which returns the gauge to the "closed" position upon interruption of the power supply.

The Model SC-7E model number designation refers to variations in air gap, collimator, and source mount assemblies.

SAFETY ANALYSIS SUMMARY:

LFE originally registered this device with the intent to commercially distribute it. NRC concluded that the device was acceptable for licensing purposes. However, LFE never distributed the device and does not intend to distribute it in the future. Therefore, the registration certificate has been transferred to inactive status.

REFERENCES:


The following supporting documents for the Models SC-7D and SC-7E are hereby incorporated by reference and are made a part of this registry document.

- LFE's letters dated July 10, 1995, September 16, 1991, and August 6, 1991, with enclosures thereto.

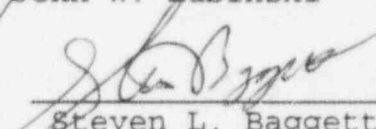
ISSUING AGENCY:

U.S. Nuclear Regulatory Commission

Date: September 8, 1995

Reviewer: 
John W. Lubinski

Date: September 8, 1995

Concurrence: 
Steven L. Baggett

INFORMATION RECORD

TYPE:

Note to LFE files for registration certificates made inactive September 1995.

ORGANIZATION:

LFE

DATE:

09/21/95

SUMMARY:

Existing AEC/NRC files (registration files, license files, NUDOCS, and archives) concerning these products were examined for information that supports registration of the products. Copies of all applicable information located is included in this file.

The manufacturer, LFE, was also asked for additional information concerning the products. However, many of the products have not been distributed for years, or the product lines were sold in the late 1960's, and LFE provided all additional information they have concerning the products.

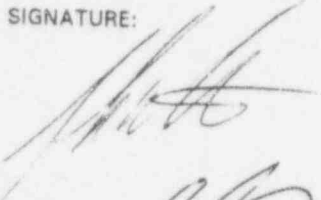
NRC has transferred the registration certificates to inactive, as requested by LFE, and continues to conclude the products are acceptable for licensing purposes based on AEC's original evaluation of the products and the operational history of the products.

PERSONS DOCUMENTING THE
INFORMATION:

John W. Lubinski

Steven L. Baggett

SIGNATURE:



DATE:

09/21/95

09/21/95

William R. Prendergast
LFE Industrial Systems Corporation
55 Green Street
Clinton, MA 01510

Dear Mr. Prendergast:

This letter is in reference to your letter dated August 6, 1991, which requested that we transfer the registration certificates listed in column 1 of Enclosure 1 to inactive status. The certificates have been transferred to inactive status as you have requested. Please note that transfer of the registration certificates to inactive status means the sources or devices included on the certificates may no longer be commercially distributed.

The registration numbers for the certificates have been changed. Enclosure 1 specifies the old registration number, the new registration number, and the model numbers. Please note that some old certificates have been combined into one new inactive certificate. In addition, two registration certificates have been deleted from the system since they were duplicates of other certificates.

Please review the registration certificates (copies enclosed) in their entirety and notify us immediately if there are any errors or omissions.

If you have any questions, please call me at (301) 415-7868 or Mr. Steven Baggett at (301) 415-7273.

Sincerely,

13/

John W. Lubinski, Mechanical Engineer
Sealed Source Safety Section
Source Containment and
Devices Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
And Safeguards

Enclosures: As stated

cc: S. Kimberley, LFDCB

Distribution:

SCDB r/f SSD-91-86 NE01
SSD Files listed in column 1 of enclosure 1 of this letter

DOCUMENT NAME: C:\FILES\SSDS\LFE\LFE.CMP

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	SCDB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	JLubinski/jl	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DATE	09/29/95	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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ENCLOSURE 1

Old Reg. Number	New Reg. Number	Model Number(s)
NR-420-D-101-U	NR-420-D-801-S	Keleket-Barnes Rotary
NR-420-D-102-U	NR-420-D-802-S	Keleket-Barnes Shperay
NR-420-D-103-U	NR-420-D-803-S	Keleket-Barnes Ceiling Mounted Unit
NR-420-S-104-S	NR-420-S-804-S	S-10
NR-420-D-106-U	NR-420-D-805-S	Keleket-Barnes Flexaray
NR-420-S-107-U	NR-420-S-806-S	RXA, RXB, RXC, RXL, RXM, RXN
NR-420-D-108-U	NR-420-D-807-B	SCL-1D
NR-420-D-109-B	NR-420-D-808-B certificates were combined	BGL-7C
NR-420-D-110-G		BGL-7
NR-420-D-111-B		BGL-1C
NR-420-D-112-B	NR-420-D-809-B	BGL-1
NR-420-D-113-B	NR-420-D-810-B certificates were combined	SO-7D, SO-7E
NR-420-D-114-B		SO-7A, SO-7B, SO-7C
NR-420-D-115-B	NR-420-D-811-B	SO-1A, SO-1B, SO-1C
NR-420-D-116-B	NR-420-D-812-B certificates were combined	SN-7D, SN-7E
NR-420-D-117-B		SN-7A, SN-7B, SN-7C
NR-420-D-118-B	NR-420-D-813-B	SN-1A, SN-1B, SN-1C, SN-1D, SN-1E, SN-1F
NR-420-D-119-B	NR-420-D-814-B	SC-7D, SC-7E
NR-420-D-120-B	NR-420-D-815-B	SC-7A, SC-7B, SC-7C
NR-420-D-121-B	NR-420-D-816-B	SC-1A, SC-1B, SC-1C, SC-1D, SC-1E, SC-1F
NR-420-D-122-B	NR-420-D-817-B	SN-P7B
NR-420-D-124-B	NR-420-D-818-B	SCL-1A and SCL-1B
NR-420-D-125-G	NR-420-D-819-B	SN-P7A4
NR-420-D-126-U	NR-420-D-820-B	HSB-76 and HSB-77
NR-420-D-127-G	NR-420-D-821-G	HSB-76A and HSB-77A

ENCLOSURE 1

Old Reg. Number	New Reg. Number	Model Number(s)
NR-420-D-128-G	NR-420-D-822-G	BGL-7A
NR-420-D-132-G	NR-420-D-823-G	SNF-18
NR-420-D-133-G	NR-420-D-824-G	SSL-3
NR-420-S-137-U	NR-420-S-826-S	R-30, R-31
NR-420-S-138-U	NR-420-S-827-S	CD-1
NR-420-D-139-U	NR-420-D-828-S	SC-11
NR-420-D-140-U	NR-420-D-829-B	DH-75
NR-420-S-141-U	NR-420-S-830-S	S-75
NR-420-D-142-U	NR-420-D-831-S	AX-4
NR-420-D-143-U	NR-420-D-832-S	BG-107
NR-420-D-144-U	NR-420-D-833-S	BG-105
NR-420-D-145-U	NR-420-D-834-S	BG-7
NR-420-D-146-U	NR-420-D-835-S	BG-5
NR-420-D-147-U	NR-420-D-836-S	BG-2/5
NR-420-D-151-B	deleted from system - same as old registration NR-420-D-117-B	
NR-420-D-152-U	NR-420-D-840-B	SC-9C
NR-420-S-154-U	NR-420-S-842-S	S-9
NR-420-S-155-U	NR-420-S-843-S	R-58, R-59
NR-420-S-156-U	NR-420-S-844-S	CS-15
NR-420-S-157-U	NR-420-S-845-S	CD-15
NR-420-S-158-U	deleted from system - same as old registration NR-420-S-156-U	
NR-420-D-159-U	NR-420-D-846-S	SC-11A
NR-420-D-160-U	NR-420-D-847-S	Clathrate Gas Detector
NR-420-S-163-U	NR-420-S-849-S	CD-11
NR-420-D-164-B	NR-420-D-850-B	SN-P1B