

NRC FORM 313 (3-2009) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120	EXPIRES: 3/31/2012
<h2 style="margin: 0;">APPLICATION FOR MATERIALS LICENSE</h2>			
Estimated burden per response to comply with this mandatory collection request: 4.3 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. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.			

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: OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001	IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352
ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	IF YOU ARE LOCATED IN: ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 612 E. LAMAR BOULEVARD, SUITE 400 ARLINGTON, TX 76011-4125

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.

1. THIS IS AN APPLICATION FOR <i>(Check appropriate item)</i> <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>41-25639-01E</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	2. NAME AND MAILING ADDRESS OF APPLICANT <i>(Include ZIP code)</i> Steven Read ICx Radiation, Inc. 100 Midland Road, Oak Ridge, TN 37830
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED ICx Radiation, Inc. 100 Midland Road, Oak Ridge, TN 37830	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Steven Read TELEPHONE NUMBER <p style="text-align: center; font-weight: bold;">(865) 963-2980</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.

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.	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.			
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.			
9. FACILITIES AND EQUIPMENT.	10. RADIATION SAFETY PROGRAM.			
11. WASTE MANAGEMENT.	12. LICENSE FEES <i>(See 10 CFR 170 and Section 170.31)</i> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">FEE CATEGORY</td> <td style="border: none;">AMOUNT ENCLOSED</td> <td style="border: none;">\$</td> </tr> </table>	FEE CATEGORY	AMOUNT ENCLOSED	\$
FEE CATEGORY	AMOUNT ENCLOSED	\$		

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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE Barry Stanner (General Manager)	SIGNATURE	DATE 10/15/2010
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FOR NRC USE ONLY

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



ICX Radiation Inc.
100 Midland Road
Oak Ridge, TN 37830
Tel.: (865) 220 8700 ext.101
Fax: (865) 220 7181

License Number 41-25639-01E

Jack Foster
Chief Licensing Branch
State Agreements & Industrial Safety Branch
Division of Materials Safety and State Agreements
Office of federal and State Materials and
Environmental Management Programs
U.S. NRC
Washington, D.C. 20555-0001

Dated: October 15th, 2010

Reference Request for Change of Control of License Number 41-25639-01E:

Attention: Mr. Jack Foster

Dear Mr. Foster

We are requesting that the U.S. NRC review whether a change of control is applicable (NUREG-1556, Vol. 8, Appendix F). If it is determined that a change of control is applicable, then we are requesting that our present license be transferred to ICx Radiation, Inc. now a wholly-owned subsidiary of FLIR Systems, Inc.

1. ICx Radiation, Inc. is now a wholly-owned subsidiary of FLIR Systems, Inc ("FLIR"), an Oregon Corporation, and was acquired on October 4th, 2010. FLIR is headquartered at 27700 SW Parkway Avenue, Wilsonville, Oregon, 97070. Contact information for FLIR General Council is, (503) 498-3547 (phone), (503) 498-3911 (facsimile). ICx Technologies Inc. ("ICx") remains headquartered at 2100 Crystal Drive, Suite 650, Arlington, Virginia, 22202. ICx and all of its subsidiaries, including ICx Radiation Inc., remain registered with the United States Department of State under PM/DTC Code M19020. Please feel free to contact Jim Luby, Chief Operating Officer for ICx Technologies, at our corporate headquarters for further information – telephone: (405) 372 9535 ext 1136, fax: (405) 372 9537, e-mail: jim.luby@icxt.com, web site: www.icxt.com.
Attached are details of the acquisition.

2. We confirm that no changes in senior management, personnel or duties that relate to the licensed program have changed. The number of employees at present is 47. Steven Read will remain the RSO. Juergen Stein still remains the chief executive officer and president of ICx Radiation.
All personnel handling the exempt quantity radionuclide kits explained in paragraph 5 have undergone in-house training and undergo regular training on at least an annual basis.
3. We confirm that no changes in the organization, location, facilities, equipment or procedures related to the licensed program have occurred. The organization chart for ICx Radiation Inc. is attached.
4. The exempt quantity isotopes listed in paragraph 5 are surveyed by a calibrated RadEye B20_ER dose rate meter from Thermo Fisher Scientific prior to shipment to ensure that all sections of the outer package surface is $<0.5\text{mrem/h}$. We use a calibrated FH-40 dose rate meter from Thermo Fisher Scientific as an area dose rate meter in the storage facility. We use a TLD area monitoring badge to monitor accumulated background dose. All survey meters are calibrated once annually by Thermo Fisher Scientific.
We confirm that ICx Radiation Inc will continue this survey.
5. We distribute a kit of eight exempt quantity isotopes with certain products from ICx Radiation Inc. as seen in diagram 1.

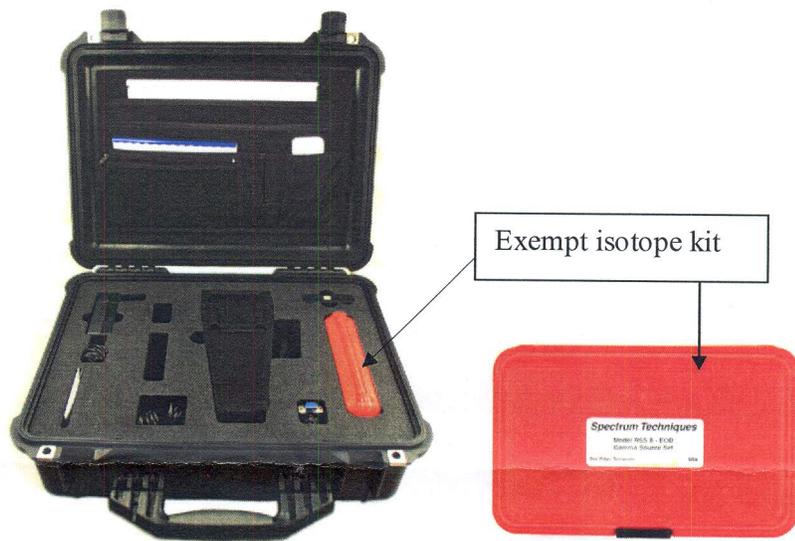


Diagram 1

These exempt source kits are purchased from Spectrum Techniques and are shipped to the customer in the original manufacturers NRC authorized packaging. Sealed on the back of each isotope kit is a label indicating details of the exempt quantity isotopes as displayed in diagram 2. The list of exempt quantity isotopes in each kit are also listed in diagram 2.

Source Set			
USNRC and State License Exempt Quantities			
Isotope	Activity	Half-life	Peaks of Interest (MeV) Gamma
Barium-133	1 μ Ci	10.8 years	0.081, 0.276, 0.303, 0.356, 0.384
Cadmium-109	1 μ Ci	463 days	0.022, 0.025, 0.088
Cesium-137	0.25 μ Ci	30.2 years	0.662
Cobalt-57	1 μ Ci	272 days	0.122, 0.136
Cobalt-60	1 μ Ci	5.27 years	1.173, 1.333
Europium-152	1 μ Ci	12.7 years	multiple peaks
Manganese-54	1 μ Ci	313 days	0.835
Sodium-22	1 μ Ci	2.6 years	0.511, 1.275
<i>Spectrum Techniques</i> www.spectrumtechniques.com		Oak Ridge, Tennessee	USA

Diagram 2

Attached is the information package which Spectrum Techniques provide with each exempt quantity isotope kit. This is attached to the radionuclide kit when shipped to a customer.

6. Flir Systems, Inc. and ICx Radiation, Inc confirms that it will abide by all constraints, conditions, requirements and commitments as specified in the license program from ICx Radiation, Inc.
7. ICx Radiation, Inc has not changed its name.

I hope that we have provided you with adequate information. However, should you need any further information to assist in your review, please do not hesitate to contact me.

Yours sincerely,

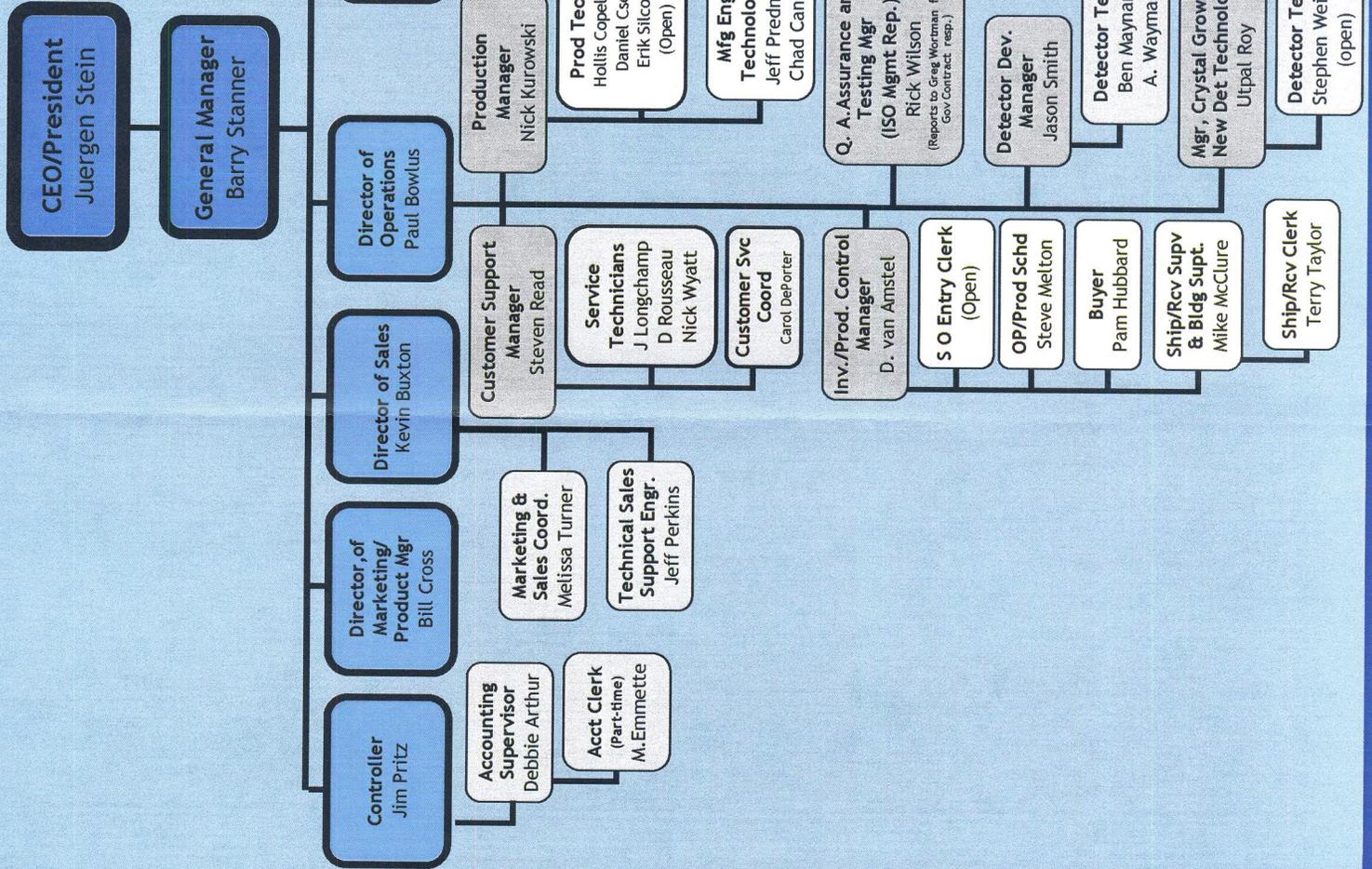
Steven Read
RSO

CC Barry Stanner (General Manager)
Paul Bowlus (Operations Manager)



Organizational Chart

Rev. August 1, 2010



Radioactive Material Exempt Quantities
(Per U.S. NRC & State Regulations)

This radioactive material conforms to the conditions and limitations specified for radioactive material in:

- 49CFR173.421
- 10CFR30,
- 10CFR30.71, Schedule B Exempt Quantities
- BS 5288/C11111

The radioactive material contained in the package is an exempt quantity from USNRC and/or Agreement State licensing requirements.

The radiation exposure rate at any point on the external surface of this package does not exceed 0.5 milli rem/hour.

No other hazard labeling and shippers declaration are required or authorized.

Radioactive Material ——— Not for Human Use ———
Introduction Into Foods, Beverages, Cosmetics, Drugs, or Medicinals, or Into Products Manufactured for Commercial Distribution is Prohibited ———
Exempt Quantities Should Not be Combined.

The quantities of radioactive material contained in these products is extremely small and present no known radiation hazard. However, it is always good practice to minimize exposure by following the basic principles of time, distance and shielding. Solid, sealed exempt quantity sources require no special handling but when working with liquid sources, gloves and laboratory coats are recommended.

Eating, drinking and smoking should be prohibited in areas where radioactive material is used or stored.

Use of radioactive material should be supervised by a responsible person in authorized areas. Exempt quantity products should be used only as intended and in accordance with instructions provided. All radioactive material should be securely stored when not in use.

These exempt quantity products may be disposed of in regular waste providing all radiation symbols have been removed or defaced. When disposing of liquid exempt quantities, it is recommended that they be flushed into the public sewer system diluted with large volumes of water.

Manufactured and Distributed by:
SPECTRUM TECHNIQUES LLC
106 Union Valley Road
Oak Ridge, Tennessee 37830 USA
Tel: 865-482-9937
Fax: 865-483-0473
E-mail: sales@spectrumtechniques.com
Web Site: www.spectrumtechniques.com

See back side for UN2910 shipping data / Dec 09

UN2910 Radioactive Material Limited Quantity
per DOT 173.435 (10-1-05) & IATA 10.4.2.1 (1-31-06)

This package conforms to the conditions and limitations specified shipping regulation in:

- USDOT CFR49 parts 100—185
- IATA Dangerous Goods Regulations; Section 4.2; "UN2910 Radioactive material, excepted package, limited quantity of material" Class 7, and Section 10.5.9.4 calculating A1 values of radionuclide for packaging and transporting
- Postal Publication No. 6 dated September 1983

The radiation exposure rate at any point on the external surface of this package does not exceed 0.5 mille rad/hour.

UN2910 labeling on package and shippers declaration. No other hazard labeling or shippers declaration required or authorized.

This package contains less than the DOT and IATA limits for exempt quantity radioactive material and UN2910 "Radioactive material, excepted package, limited quantity of material"

This package may contain one or more of the following isotopes, for contents in this package see enclosed invoice or packing list.

Isotopes	Max uCi per disk	Max uCi per box
Ba133	10	100
C14	10	100
Cd109	10	100
Co57	100	1000
Co60	1	10
Cs137	10	100
Eu152	1	10
Fe55	100	1000
I129	0.1	2.7
Mn54	10	100
Na22	10	100
Pb210	0.1	2.7
Po210	0.1	2.7
Sr90	0.1	2.7
Tl204	10	100
Zn65	10	100

See back side for NRC radiation data / Dec 09



Company contact:

Tony Trunzo
FLIR Systems, Inc.
(503) 498-3547
www.flir.com

NEWS RELEASE

FLIR Systems Completes Acquisition of ICx Technologies for \$268 Million

PORTLAND, OR, October 4, 2010 (MARKET WIRE) -- FLIR Systems, Inc. (NASDAQ: FLIR) announced today that it has successfully completed its previously announced acquisition of ICx Technologies, Inc. for \$7.55 per share, representing an aggregate purchase price of \$268 million, or an enterprise value of \$232 million including ICx's closing cash balance. On August 16, 2010, FLIR announced it had entered into a definitive agreement to acquire ICx through a tender offer and subject to certain conditions. The acquisition was completed via a tender offer by a FLIR subsidiary for all of the outstanding shares of ICx followed by the merger of that purchasing subsidiary with ICx, as a result of which ICx became a wholly-owned subsidiary of FLIR.

The tender offer expired at 12:00 midnight, New York City time, on Friday, October 1, 2010, with 32,683,590 million shares, representing approximately 93.4 percent of ICx's outstanding shares, validly tendered and not validly withdrawn in the offer. FLIR accepted for payment all validly tendered shares and thereafter completed the acquisition.

ICx is a leading provider of integrated advanced sensing technologies for homeland security, force protection and critical infrastructure applications. ICx has established a technology leadership position across a wide spectrum of CBRNE (chemical, biological, radiological, nuclear and explosives) detection and surveillance technologies, supported by a robust intellectual property portfolio.

"The acquisition of ICx represents an opportunity to expand our business into several attractive adjacent technologies, products, and markets. We believe ICx is a leader in emerging CBRNE sensor technologies and that this business will create substantial value for our shareholders," said Earl R. Lewis, President and CEO of FLIR. "We are excited to add ICx to the global infrastructure of FLIR's Government Systems Division and we are delighted to welcome ICx employees to FLIR."

(more)