



# Owensby & Kritikos, Inc.

Visual and Non-Destructive Inspection Services

## NEW ORLEANS DIVISION

671 Whitney Ave., Bldg. B  
Gretna, La. 70056  
Telephone 504/368-3122  
Fax 504/362/4546  
E-mail gretna@ok-insp.com  
Internet www.ok-insp.com

## LAFAYETTE DIVISION

111 Lafferty Drive  
Lafferty Industrial Park  
Broussard, La. 70518  
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Fax 337/837-1316  
E-mail lafayette@ok-insp.com

## LAKE CHARLES DIVISION

2850 South Beglis Parkway  
Sulphur, La. 70665  
Telephone 337/527-8812  
Fax 337/527-0078  
E-mail lakecharles@ok-insp.com

Date: February 8, 2002 (3:12PM)

FEB 19 2002

To: U. S. Nuclear Regulatory Commission, Region IV  
Division of Nuclear Materials Safety  
Nuclear Materials Licensing Branch  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

Attn Christi Maier, Health Physicist  
Nuclear Materials Licensing Branch

From: Bob Ledet  
President

Subject: Renewed Radioactive Materials License LA-2234-L01

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As requested in your letter dated January 10, 2002, please find attached copy of our Radioactive Material License #LA-2234-L01 (Amendment #84), expiration date 2/28/04.

Please make appropriate modification to our NRC Form 241, copy attached.

Attach.

Cc NRC File

*Colleen Murnahan*  
Signature Colleen Murnahan  
Licensing Assistant

2/21/02

# REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) OWENSBY & KRITIKOS, INC.	2. TYPE OF REPORT <input type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input checked="" type="checkbox"/> CLARIFICATION
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 671 WHITNEY AVE., BLDG. B GRETNA, LA. 70056 <span style="float: right; font-weight: bold;">FEB 19 2002</span>	4. LICENSEE CONTACT AND TITLE BOB J. LEDET, PRESIDENT
	5. TELEPHONE NUMBER (Include Area Code) (504) 368-3122
	6. FACSIMILE NUMBER (Include Area Code) (504) 362-4546

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

<input type="checkbox"/> WELL LOGGING	<input type="checkbox"/> LEAK TESTING AND/OR CALIBRATIONS	<input type="checkbox"/> TELETHERAPY/IRRADIATOR SERVICE
<input type="checkbox"/> PORTABLE GAUGES	<input checked="" type="checkbox"/> OTHER (Specify) ⇒ <u>Material Analysis</u>	
<input checked="" type="checkbox"/> RADIOGRAPHY ⇒	REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)	

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)
	10. CLIENT TELEPHONE NUMBER (Include Area Code)
	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)

12. DATES SCHEDULED	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM:                      TO:				NUMBER TO BE ASSIGNED BY NRC

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)	LICENSE NUMBER LA-2234-L01	STATE LA	EXPIRATION DATE FEB. 28, 2004
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19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) BOB J. LEDET, PRESIDENT	SIGNATURE 	DATE 2-13-02
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WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 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.

FOR NRC USE ONLY	REVIEWING OFFICIAL (Typed/Printed Name and Title) Colleen Murnahan Licensing Assistant	SIGNATURE 	DATE 2/21/02	TOTAL USAGE - DAYS TO DATE
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**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF ENVIRONMENTAL SERVICES**



**RADIOACTIVE**

**MATERIAL LICENSE**

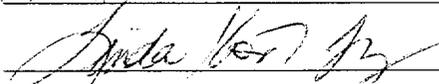
**PERMITS DIVISION  
REGISTRATIONS and CERTIFICATIONS SECTION  
P.O. BOX 82135  
BATON ROUGE, LOUISIANA 70884-2135**

Pursuant to the Louisiana Environmental Quality Act (Louisiana Revised Statutes 30:2101 et seq.) and the Louisiana Radiation Regulations, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in the Louisiana Revised Statutes 30:2105 of the Louisiana Nuclear Energy and Radiation Control Law, and is subject to all applicable rules, regulations, and orders of the Department now or hereinafter in effect, including the Louisiana Radiation Regulation (LAC 33:XV) and to any condition specified in the license.

LICENSEE  Owensby & Kritikos, Inc. Post Office Box 1217 Gretna, Louisiana 70054-1217 AI# 38795 Attention: Robert J. Ledet, President	LICENSE NUMBER	EXPIRATION DATE
	LA-2234-L01	February 28, 2004
	AMENDMENT NUMBER	PREVIOUS AMENDMENTS ARE VOID
	84	
	THIS LICENSE ISSUED PURSUANT TO AND IN ACCORDANCE WITH Application	
	SIGNED BY: Mike Ciulla	DATE: January 24, 2002

RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY* OR QUANTITY PER SOURCE	SEALED SOURCE IDENTIFICATION	STORAGE CONTAINER OR EXPOSURE DEVICE	
ELEMENT	MASS NO.			CHEMICAL FORM-PHYSICAL STATE	AUTHORIZED USE	
Fe	55	Any	45 mCi	Texas Nuclear	Texas Nuclear	X-Ray
Cd	109	Any	5 mCi	Model 696782	Model 9200 Series (9277 Source Housing)	Fluorescence Analysis
Co	60	Any	50 Ci	Amersham Model A-7-A, SPEC Model G-19, G-19F	Gamma Industries Model Gammatron 50A	Industrial Radiography
Cd	109	Any	50 mCi	Amersham Models CUC.D1, IEC.A1 CUCP.1 and AMC.P4; New England Nuclear (Dupont) Models NER-467 and NER-465; North American Scientific Model IND 1602; or Isotope Products Labs Model XFB Series 3205 and 3204	Niton Corp. Model XL Series	Alloy Analyzer

\*pCi-picoCurie; µCi-MicroCurie; mCi-Millicurie; Ci-Curie

 Linda Korn Levy Assistant Secretary	DATE	PAGE OF	PAGES
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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
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REGISTRATIONS and CERTIFICATIONS SECTION  
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BATON ROUGE, LOUISIANA 70884-2135

LICENSEE			LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE	
Owensby and Kritikos, Inc.			LA 2234-L01	84	February 28, 2004	
RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION	STORAGE CONTAINER OR EXPOSURE DEVICE	AUTHORIZED USE
ELEMENT	MASS NO.			CHEMICAL FORM-PHYSICAL STATE		
Cd	109	Any	50 mCi	Amersham Models	Niton Corp.	Alloy Analyzer
Fe	55	Any	20 mCi	CUC.D1, IEC.A1 CUCP.1 and AMC.P4; New England Nuclear (Dupont) Models NER-467 and NER-465; North American Scientific Model IND 1602; or Isotope Products Labs Model XFB Series 3205 and 3204	Model XL-II Series	
Co	60	Any	110 Ci	Amersham Model A424-14	Amersham Model 680B	Industrial Radiography
Cs	137	Any	100 mCi	New England Nuclear Model 570	EON Corporation Model 64-764	Instrument Calibration
Cs	137	Any	10 µCi	Isotope Products Labs Model 229 R-1 or Amersham Model CDRQ5724	Dosimeter Corp. Model 3060	Dosimeter Calibration
Gd	153	Any	1 Ci	Amersham Model GDC.CY (Capsule X2093)	Lixi Corp. Model L5-82 Series	Real Time Imaging
Ir	192	Any	150 Ci	SPEC Model G-60; Amersham Model 969	SPEC Model 150	Industrial Radiography
Ir	192	Any	100 Ci	Amersham Model GP, 87551 or 87556; SPEC Model G-23	Gamma Industries Model Pipeliner 1	Storage Only
Ir	192	Any	100 Ci	Amersham Model A424-9, A424-19; SPEC Model T5, T5F, T7, T7F	Amersham Model 660	Storage Only

\*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

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LICENSEE		LICENSE NUMBER		AMENDMENT NUMBER		EXPIRATION DATE	
Owensby and Kritikos, Inc.		LA-2234-L01		84		February 28, 2004	
RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION		STORAGE CONTAINER OR EXPOSURE DEVICE	
ELEMENT	MASS NO.			CHEMICAL FORM-PHYSICAL STATE		AUTHORIZED USE	
Ir	192	Any	140 Ci	Amersham Model A424-9, A424-19; SPEC Model T5, T5F, T7F	Ammersham Model 660B	Industrial Radiography	
Ir	192	Any	100 Ci	SPEC Model G-1, G-1F, G-3, G-3F; Amersham Model A-1-A, A-2-A, 348 or 89911	SPEC Model 2-T	Storage Only	
Ir	192	Any	200 Ci	Amersham Model A58101-8	Amersham/Techops Model 616	Industrial Radiography	
Am (Am-Be)	241	Any	50 mCi	CPN Model CPN-131	CPN Model MCM-2	Hydrogenous Materials Analyzer	
Ir	192	Any	150 Ci	AEA Technology Model A424-9	AEA Technology, QSA Inc. Model 880 Delta	Industrial Radiography	
Se	75	Any	80 Ci	AEA Technology Model A424-25W	AEA Technology, QSA Inc. Model 880 Delta	Industrial Radiography	
Yb	169	Any	20 Ci	AEA Technology Model 918	AEA Technology, QSA Inc. Model 880 Delta	Industrial Radiography	
Co	60	Any	65mCi	AEA Technology Model A424-19	AEA Technology, QSA Inc. Model 880 Delta	Industrial Radiography	

The source exchange and storage devices listed below are authorized for use in accordance with the licensee's radiological Operating and Emergency Procedures:

Gamma Industries      Source Storage  
Model C-10                      and Exchange

\*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

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BATON ROUGE, LOUISIANA 70884-2135

LICENSEE Owensby and Kritikos, Inc.	LICENSE NUMBER LA 2234-L01	AMENDMENT NUMBER 84	EXPIRATION DATE February 28, 2004
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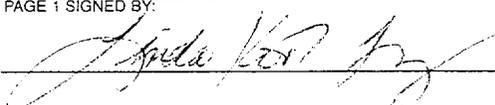
RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION	STORAGE CONTAINER OR EXPOSURE DEVICE
ELEMENT	MASS NO			CHEMICAL FORM- PHYSICAL STATE	AUTHORIZED USE

SPEC Model C-1                      Source Storage and Exchange

Amersham Model 771,      Source Storage and Exchange  
650-L

1. A. Radioactive material shall be stored at 671-B Whitney Avenue, Gretna, Louisiana, 111 Laferty Drive, Broussard, Louisiana, or 2850 South Beglis Parkway, Sulphur, Louisiana.
- B. Radioactive material shall be used only at temporary jobsites of the licensee, in areas **not** under exclusive Federal jurisdiction, throughout the State of Louisiana. Prior to operation at temporary jobsites, the licensee shall comply with applicable provisions of other regulations of the Department of Environmental Quality, and obtain all applicable state and local permits.
- C. This condition does not prohibit use in other Agreement States and states under the jurisdiction of the U.S. Nuclear Regulatory Commission under reciprocity procedures which may be established by an Agreement State or the U.S. Nuclear Regulatory Commission.
2. This license does not authorize underwater radiography.
3. The Radiation Safety Officer for this license is Mike Ciulla.
4. A. Pursuant to LAC 33:XV.575, the licensee is specifically authorized to train and qualify individuals as radiographers. Notification announcing the dates of the class must be submitted to the Department at least two (2) weeks in advance.
- B. The licensee shall instruct individuals in the subjects outlined in Appendix A of Chapter 5 of the Louisiana Radiation Regulations in accordance with the course outline dated March 2, 1998. Instruction shall be given by David Mandina, David E. Savoy, or Mike Ciulla.
- C. On-the job training shall be under the direct personal supervision of the instructors listed in Attachment I.
- D. Form DRC-20 shall be filed with the Department for each individual qualified under this license to act as a radiographer.

\*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
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BATON ROUGE, LOUISIANA 70884-2135

LICENSEE Owensby and Kritikos, Inc.		LICENSE NUMBER LA 2234-L01	AMENDMENT NUMBER 84	EXPIRATION DATE February 28, 2004
RADIOISOTOPE ELEMENT	MASS NO	MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION CHEMICAL FORM-PHYSICAL STATE
				STORAGE CONTAINER OR EXPOSURE DEVICE AUTHORIZED USE

5. Pursuant to LAC 33:XV.575.A., the licensee may also permit an individual to act as a radiographer provided:
- A. Verification of satisfactory completion has been received from a person approved by the Department, an Agreement State, or the Nuclear Regulatory Commission to conduct a radiography training program which meets the requirements equivalent to LAC 33:XV.575.A.1. If verification cannot be received, then the licensee may accept verification from the holder of a license issued by the Department, an Agreement State or the Nuclear Regulatory Commission that the individual has been employed as a radiographer as defined by LAC 33:XV.503; and
  - B. The individual has received instruction and training which meets the requirements of LAC 33:XV.575.A.2 and 3 as specified in the licensee's Operating and Emergency Procedures; and
  - C. Appropriate records are maintained which demonstrate the individual has met the above requirements, and Form DRC-20 has been filed with the Department.
  - D. The individual has successfully completed within the past five (5) years a radiation safety examination administered by the Department or its agent. The examination must be successfully completed at least once every five (5) years.
  - E. On-the-job training at temporary jobsites shall be under the direct personal supervision of the instructors listed in Attachment I.
6. The licensee is authorized to receive, possess, and use sealed sources of Cobalt-60 and Iridium-192 where the radioactivity exceeds the amount of radioactivity specified in this license provided:
- A. Such sources do not exceed the quantity specified per source by more than 10% for Cobalt-60 or 20% for Iridium-192;
  - B. Records of the licensee show that no more than the maximum amount of radioactivity specified per source above was ordered from the supplier or transferor of the radioactive material; and
  - C. Levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in Section 540 of the Louisiana Radiation Regulations.
7. The licensee is authorized to receive, possess and transfer depleted uranium for use as shielding material in amounts not greater than 999 kilograms.

\*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

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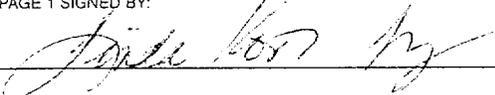
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LICENSEE Owensby and Kritikos, Inc.			LICENSE NUMBER LA-2234-L01	AMENDMENT NUMBER 84	EXPIRATION DATE February 28, 2004
RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE	SEALED SOURCE IDENTIFICATION CHEMICAL FORM-PHYSICAL STATE	STORAGE CONTAINER OR EXPOSURE DEVICE
ELEMENT	MASS NO.				AUTHORIZED USE

8. The licensee is authorized to calibrate radiation detection instruments utilized by Owensby and Kritikos and its subsidiaries in accordance with procedures contained in the licensee's application.
9. A. Tests for leakage and/or contamination of sealed sources listed in the schedule shall be performed in accordance with LAC 33:XV.544.  
B. Leak test samples may be taken using approved leak test kits and procedures specified in the Licensee's application.
10. Notwithstanding the requirements of LAC 33:XV.550.3.b., and pursuant to LAC 33:XV.103.A, the licensee is authorized to use its Gamma Industries Model Gammatron 50A and Amersham/Tech/Ops Model 616 exposure devices in accordance with procedures contained in your September 17, 1997, December 10, 1997, and December 15, 1998 letters. This authorization expires on February 28, 2004.
11. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with statements, representations and procedures contained in the licensee's application dated February 21, 1994, and in all subsequent correspondence.

LKL:KSA:cwr

\*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

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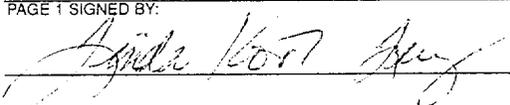
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
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 REGISTRATIONS and CERTIFICATIONS SECTION  
 P.O. BOX 82135  
 BATON ROUGE, LOUISIANA 70884-2135

LICENSEE Owensby and Kritikos, Inc.		LICENSE NUMBER LA 2234-L01	AMENDMENT NUMBER 01	EXPIRATION DATE February 28, 2004
RADIOISOTOPE ELEMENT      MASS NO.		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION CHEMICAL FORM-PHYSICAL STATE
				STORAGE CONTAINER OR EXPOSURE DEVICE AUTHORIZED USE

ATTACHMENT I  
INSTRUCTORS

Lance Adams  
 Mark Arseneaux  
 Jared Austin  
 Ernest Barthe  
 John Bourgoyne  
 Patrick Bourgoyne  
 Gary Bridges  
 Ricky Broussard  
 Terrol Capdeville  
 Michael Ciulla  
 Dan Callais  
 Jared Dupre  
 Brian Duthu  
 Shane Fontenot  
 Walter M. Foy  
 Brent Gauthreaux  
 Donald Gros  
 Steve Guasp  
 Michael Guffee  
 Chris Jeffers  
 Wayne Kliebert  
 Eric Lavergne  
 Brandon Ledet  
 James Troy MacKey  
 Richard Mayeaux  
 Troy Molaison  
 Glynn Montelongo  
 Brock Olivier  
 Kevin Olivier  
 Chris Richard  
 Randy Richard  
 Glen Rolland  
 Mark Savoie  
 Preston Savoy  
 Mark Senette  
 Mark Simmons  
 Mark Stein  
 Issac Thomas  
 Derrick Tomlin

\*pCi-picocurie; µCi-Microcurie; mCi-Millicurie; Ci-Curie

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