



UNIVERSAL ENGINEERING SCIENCES

Consultants in Geotechnical Engineering • Environmental Sciences
Construction Materials Testing • Threshold Inspection • Plans Review
Private Provider/Building Inspection • Geophysical Services

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- Sarasota
- St. Augustine
- Tampa
- West Palm Beach

4/22/09

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Sam Nunn Atlanta Federal Center
U.S. Nuclear Regulatory Commission, Region II
61 Forsyth Street, S.W., Suite 23T85
Atlanta, GA. 30303-8931

LL 31368

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03121

To Whom It May Concern:

(09-31368-01)

Thank you in advance for your assistance with our application. Our company wishes to obtain a new Material License for the use of portable gauges used solely for the purpose of density and moisture properties testing of soils, road base materials, asphalt, and other construction materials at temporary jobsites anywhere in the United States where U.S. Nuclear Regulatory Commission maintains jurisdiction.

Company Overview

Our company has been in business since 1964. We perform Geotechnical and Environmental Engineering Sub-Consulting and perform construction material testing, inspections, and quality control / assurance services. Our corporate office is located in Orlando, Florida and we have branch offices throughout the state of Florida and one office outside of Florida located in Norcross, GA... Currently, each Florida office has a State of Florida – Department of Health – Bureau of Radiation Control – Radioactive Materials License. We may pursue combining all Florida offices onto one Florida license within the next two years. This would be to consolidate our Portable Gauge – Radiation Safety Program into one master program. Our Norcross, GA. Office has their license through the State of Georgia – Georgia Department of Natural Resources – Radioactive Materials Program – Georgia Radioactive Materials License. Per the requirements of the state of Florida and State of Georgia, each office has their own RSO – Radiation Safety Officer.

For the purpose of the NRC Material License, the Portable Gauge and Radiation Safety Program will be managed and administrated from our corporate office located in Orlando, Florida. Jim Lewis, our Corporate Risk Manager, Safety Director, and Fleet Manager will be our Radiation Safety Officer – RSO. Each office will continue to have their State of Florida and State of Georgia license recognized RSO continuing the day-to-day management of the Portable Gauge and Radiation Safety Program. The corporate NRC Material License program will also be co-administrated by David Drawdy who performs calibration, inspections, and minor repairs of the gauges.

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REGION I

143686

NMSS/RGN1 MATERIALS-002

Radioactive Material

The radioactive materials to be possessed (in our portable gauges) are outlined in the attached **Portable Gauge Inventory spreadsheet**. The spreadsheet contains all gauges currently owned and used in the field by our company employee technicians at all offices that have gauges. For our work activities both on and off NRC jurisdiction properties there is generally no more than one portable gauge on a job site at any given time. For a larger project with multiple work areas there may be two gauges, definitely no more than three portable gauges on the site at any given time. This may include say two gauges in field use and one gauge in its protective secured shipping case in the back of a truck.

Purpose(s) For Which Material Will Be Used

The portable gauges will be used to measure the density and moisture properties of soil, sands, various road base materials, and asphalt used in the construction of roads, parking lots, building foundation pads, airport runways, rail road rail base material, and underground utility installation applications.

Individual(s) Responsible For Radiation Safety Program and Training Experience

The Corporate Radiation Safety Officer – RSO for the MRC Material License will be Jim Lewis. Mr. Lewis is our company Risk Manager, Safety Director, and Fleet Manager. Mr. Lewis has 19 years of risk management and safety experience in the construction, transportation, and manufacturing industries. He has been employed with our company since April 2001 and has served as the “Corporate RSO” since July 2001. Since each office has their own state license the Corporate RSO position is an oversight position with the purpose of ensuring each office meets their state license requirements.

Mr. Lewis completed the Radiation Safety Officer training course on 6/20/2001 through Troxler Electronic Laboratories. The RSO course Certificate of Completion is attached.

Also attached is the document used to verify the training required by 49CFR172, Subpart H. This training was also completed on 6/20/01 and expired on 6/20/04. With an RSO at each office I’ve had no need to transport portable gauges over the last several years. Due to the importance of this program, I have registered for refresher RSO and 49CFR172, Subpart H training on 6/25/09 in Tampa, Florida through Troxler Electronic Laboratories. Upon completion of the 6/25/09 course, the certificates of course completion will be available for NRC review if necessary. Please let me know if the certificates should be forwarded for your records.

Training For Individuals Working In or Frequenting Restricted Areas

All work performed by our company which utilizes portable gauges is performed by our employees. We do not use subcontractors or leased employees for our material testing, inspection, monitoring, and quality control / assurance work. All employees who use and transport portable gauges have successfully completed the Nuclear Gauge Safety Training Program and the training required by 49CFR172, Subpart H for the labeling of protective shipping containers, preparation of gauges and containers for transport, the transportation of shipping containers and gauges, regulatory compliance, emergency response, personal protection and accident avoidance. Our employees must prove their training by providing an original course completion certificate for both courses. The training required by 49CFR172, Subpart H is required to be completed no less than every three years (36 months).

In addition to the prior described training, there is periodic training provided by the RSO at each office through employee meetings, memos, and one-on-one training provided by the managers and supervisors. Company-wide training and education topics are disseminated to the RSO's and employee gauge users via memos with topics including timely issues of concern, new regulations, new company policies, and the like.

Refresher Nuclear Gauge Safety training is required when an employee exhibits a lack of understanding of portable gauge operation, safety, security, and transportation safety. Our most common infractions involve employees neglecting to double lock the shipping transportation container or walking away from a gauge when in use. When infractions or concerns are observed or reported to us we address the issues with the employee(s) through counseling / coaching, disciplinary actions, and often times require the employee to re-take the gauge safety course.

Project site specific training is provided to our employees for issues such as site security, privacy & confidentiality issues, site concerns & hazards, and site protocols.

Facilities and Equipment

Due to the nature of our projects and the close proximity of our project to our offices all portable gauges are expected to be stored at our Branch Offices which under our State of Florida and State of Georgia licenses are our permanent designated storage facilities. No temporary storage of portable gauges is expected on NRC jurisdiction properties. If temporary storage of a portable gauge on NRC jurisdiction arises this will be reported to the NRC for review and approval, if even permitted.

Radiation Safety Program

Radiation survey meters are readily available for our use through a number of portable gauge maintenance and repair vendors located throughout Florida and Georgia including

Troxler Electronic Laboratories and Atlantic Drilling Supply. Company-wide we own approximately three radiation survey meters which are shared amongst our offices as needed. The meters meet the criteria in the section entitled "Radiation Safety Program - Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

Physical inventories of our gauges are conducted by the RSO at each office, Construction Services Department Managers, Branch Managers, and the Corporate RSO on varied frequencies and formality. There are a few RSO's who informally "spot check" their gauges daily, others who inventory their gauges at least once a week to once a month, and some who conduct inventories every few months. Formal inventories and audits are conducted no less than every six months by the RSO.

Occupational dosimetry for all offices for all portable gauge users is conducted through personnel dosimetry monitoring using personnel badges processed and evaluated by an NVLAP approved lab on a pre-designated exchange frequency recommended by the processor for their badge product. We use Global Dosimetry and our exchange frequency is quarterly. Exposure to portable gauge sources at our temporary project sites is limited to our employee technician who is operating the portable gauge while wearing a personnel dosimetry monitoring badge.

Public dose exposure levels for areas where our portable gauges are stored at our offices are routinely evaluated in public dose studies using survey meters.

All offices have implemented, maintained, and disseminated to all portable gauge users Operating and Emergency Procedures including transportation safety and security precautions. Each operator receives a copy of the procedures to keep in their truck as well as a copy is maintained in the portable gauge transportation shipping container. Copies of our procedures are provided to clients and site safety & security officers to keep at their job sites upon request. Our procedures meet and possibly exceed the procedures in Appendix H of NUREG-1556, Vol. 1, dated November 2001.

Leak testing for all portable gauges is performed by the RSO at each office. The RSO is qualified and authorized to perform leak testing through training and experience. On occasion, a gauge may be at the manufacturer or an authorized gauge repair company for repairs and the leak testing is performed there during the repair. The manufacturers and authorized repair companies are authorized by the Agreement States of Florida and Georgia to perform leak testing. Portable gauges are leak tested on the frequency specified in the Sealed Source and Device Registration sheet. We have models which are leak tested annually and models which are leak tested every six months. Leak test kits are purchased from the gauge manufacturers or organizations authorized by the manufacturers which are authorized by the Agreement States.

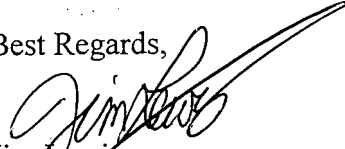
Portable gauge cleaning, lubrication, and routine maintenance is performed by the RSO at each office and by David Drawdy who is our Quality Systems Manager. Mr. Drawdy is a full-time employee who performs the calibration of our portable gauges and performs

routine maintenance as necessary. All cleaning, lubrication, and routine maintenance is performed to each manufacturer's recommendations and instructions.

Non-routine maintenance and repairs including but not limited to the removal or the source or source rod from the gauge is performed by the portable gauge manufacturers or an organization authorized by the manufactures' which are authorized by the Agreement State.

In closing I would like to thank you in advance for your assistance with our application process. The \$1,300.00 application fee is enclosed along with various attachments. Please let me know if you have any questions or need additional materials. My office phone number is (407) 423-0504, ext. 23339 and my cell number is (321) 287-1491.

Best Regards,



Jim Lewis
Corporate Risk Manager
Safety Director
Fleet Manager



Mark C. Israel, PE
President

NRC FORM 313 (8-1999) 10 CFR 30, 32, 33 34, 35, 36, 39 and 40	U. S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 08/31/2002	Estimated burden per response to comply with this mandatory information collection request: 7.4 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 Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (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, NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.
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: SAM NUNN ATLANTA FEDERAL CENTER U. S. NUCLEAR REGULATORY COMMISSION, REGION II 61 FORSYTH STREET, S.W., SUITE 23185 ATLANTA, GEORGIA 30303-8931		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 801 WARRENVILLE RD. Lisle, IL 60532-4351 ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, 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 SECTION U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 76011-8064 <div style="text-align: right; font-size: 1.2em;"> LL 31368 03038028 03121 (09-31368-01) </div>	
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 (Check appropriate item) <input checked="" type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____		2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code) <i>Universal Engineering Sciences, Inc.</i> <i>3532 Maggie Blvd.</i> <i>Orlando, FL 32811</i>	
3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED <i>Temporary jobsites anywhere in the United States where NRC maintains jurisdiction.</i>		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION <i>Jim Lewis</i> TELEPHONE NUMBER <i>(321) 287-1491</i>	
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. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY _____ AMOUNT ENCLOSED: <i>1310.00</i>	
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 82 STAT. 748 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 <i>Mark Israel, President</i>		SIGNATURE _____ DATE <i>4/23/09</i>	
FOR NRC USE ONLY			
TYPE OF FEE _____	FEE LOG _____	FEE CATEGORY _____	AMOUNT RECEIVED \$ _____
APPROVED BY _____		CHECK NUMBER _____	COMMENTS _____
DATE _____		<i>143686</i>	

ITEMS 5 AND 6: MATERIALS TO BE POSSESSED AND PROPOSED USES

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
✓		Cesium-137	Sealed source manufacturer or distributor and model number: <u>See attached inventory</u> Device manufacturer or distributor and model number: <u>See attached inventory</u>	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____ _____	<input checked="" type="checkbox"/> Not applicable _____ <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)
✓		Americium-241	Sealed source manufacturer or distributor and model number: <u>See attached inventory</u> Device manufacturer or distributor and model number: <u>See attached inventory</u>	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____ _____	<input checked="" type="checkbox"/> Not applicable _____ <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)

APPENDIX B

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
	✓	Californium-252	Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: _____	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____ _____	<input type="checkbox"/> Not applicable _____ <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)
	✓	Other Isotope (Specify):	Sealed source manufacturer or distributor and model number: _____ Device manufacturer or distributor and model number: _____	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes <input type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____ _____	<input type="checkbox"/> Not applicable _____ <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use)
Financial Assurance Required and Evidence of Financial Assurance Provided						

ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER Name: <i>James W. Lewis</i>	Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. FACILITIES AND EQUIPMENT	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."	Separate Item 9 Response Need Not Be Submitted With Application	
10. RADIATION SAFETY PROGRAM – AUDIT PROGRAM	The applicant is <i>not</i> required to, and should not, submit its audit program to NRC for review during the licensing phase.	Need Not Be Submitted With Application	
10. RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES	The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.	Need Not Be Submitted With Application	
10. RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

APPENDIX B

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM – MATERIAL RECEIPT AND ACCOUNTABILITY	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. RADIATION SAFETY PROGRAM – OCCUPATIONAL DOSIMETRY	Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. RADIATION SAFETY PROGRAM – PUBLIC DOSE	The applicant is <i>not</i> required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.	Need Not Be Submitted With Application	
10. RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES	We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<p style="text-align: center;">OR</p> <p>Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled “Radiation Safety Program – Operating and Emergency Procedures” in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.</p>	<input type="checkbox"/>	
10. RADIATION SAFETY PROGRAM – LEAK TEST	Leak tests will be performed at intervals approved by NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier’s instructions.	<input checked="" type="checkbox"/>	<input type="checkbox"/> The information in Appendix J supporting a request to perform leak testing and sample analysis is attached.

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM – MAINTENANCE	<p><i>Routine Cleaning and Lubrication</i></p> <p>We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.</p> <p><i>Non-Routine Maintenance</i></p> <p>We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.</p>	<p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p>The information listed in Appendix G supporting a request to perform non-routine maintenance in-house is attached.</p>
10. RADIATION SAFETY PROGRAM – TRANSPORTATION	The applicant is <i>not</i> required to submit its response to transportation during the licensing process. However, this issue will be reviewed during inspection.		Need Not Be Submitted With Application
11. WASTE MANAGEMENT – GAUGE DISPOSAL AND TRANSFER	The applicant is <i>not</i> required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.		Need Not Be Submitted With Application



UNIVERSAL ENGINEERING SCIENCES, INC.
PORTABLE GAUGE INVENTORY

GAUGE INFORMATION				Cs-137 NUCLIDE SOURCE INFORMATION					Am 241:Be NUCLIDE SOURCE INFORMATION					GAUGE ADMINISTRATION					
Gauge Number		Manufacturer	Model No.	Gauge Serial No.	Cs-137 Nuclide	Drawing/M odel No.	Cs Source Serial No.	Cs Source Activity in mCi	Cs Source Activity Date	Am 241:Be Nuclide	Drawing/Model Number	Am Source Serial No.	Am Source Activity in mCi	Am Source Activity Date	Annual Gauge Inspection Date	Date of last test	Date of last calibration	Gauge storage location	Notes
Sample Gauge 1	1	Troxler	3411-B	123456	Cs-137	A-102112	40-3456	8 mCi	9/23/1978	Am 241:Be	A-102451	48-2345	40 Mci	8/23/1978	2/11/90 J. Lewis	1/24/09 J. Lewis	1/18/2009	Orlando Office	this is a sample of the notes section for this area (this section will automatical expand as they input information
Atlanta	1	Troxler	3430	38647	Cs-137	102112	77-5822	8mCi	9/25/2006	Am 241:Be	102451	78-3389	40 mCi	9/29/2006	8/12/08 Modlin	8/12/08 Modlin	12/10/2008	Atlanta	
Atlanta	2	Troxler	3401	13299	Cs-137	102112	50-1690	8mCi	8/9/2007	Am 241:Be	102451	47-8812	40 mCi	8/9/2007	10/22/08 Modlin	10/22/08 Modlin	9/3/2008	Atlanta	
Atlanta	3	Troxler	3430	35709	Cs-137	102112	77-2774	8mCi	5/12/2004	Am 241:Be	102451	78-694	40 mCi	7/7/2004	4/3/09 Modlin	4/3/09 Modlin	12/10/2008	Atlanta	
Daytona	1	Troxler	3430	15109	Cs-137	102112	50-3950	8mCi	9/18/1987	Am 241:Be	102451	47-14588	40 mCi	9/16/1987	10/01/08 Bass	4/11/09 Bass	6/1/2008	Daytona	
Daytona	2	Troxler	3430	35425	Cs-137	102112	77-2533	8mCi	9/19/2004	Am 241:Be	102451	78-489	40 mCi	9/22/2004	10/01/08 Bass	4/11/09 Bass	9/10/2008	Daytona	
Daytona	3	Troxler	3430	35424	Cs-137	102112	77-2521	8mCi	4/22/2004	Am 241:Be	102451	47-488	40 mCi	4/19/2004	10/01/08 Bass	4/11/09 Bass	6/1/2008	Daytona	
Daytona	4	Troxler	3440	30827	Cs-137	102112	750-5417	8mCi	8/3/1999	Am 241:Be	102451	47-8688	40 mCi	11/13/1985	7/15/08 R Carney	7/17/08 K O'Leary	6/10/2008	Jacksonville	
Daytona	5	Troxler	3440	31313	Cs-137	102112	750-5997	8mCi	9/9/1999	Am 241:Be	102451	47-28337	40 mCi	12/29/1998	10/01/08 Bass	4/11/09 Bass	8/25/2008	Daytona	
Daytona	6	Troxler	3430	35917	Cs-137	102112	77-3019	8mCi	9/15/2004	Am 241:Be	102451	78-894	40 mCi	8/16/2004	10/01/08 Bass	4/11/09 Bass	9/1/2008	Daytona	
Daytona	7	Troxler	3430	34706	Cs-137	102112	77-1712	8mCi	7/1/2003	Am 241:Be	102451	47-30199	40 mCi	12/4/2001	10/01/08 Bass	4/11/09 Bass	8/25/2008	Daytona	
Daytona	8	Troxler	3430	35906	Cs-137	102112	77-2920	8mCi	10/15/2004	Am 241:Be	102451	78-883	40 mCi	8/16/2004	10/01/08 Bass	4/11/09 Bass	8/25/2008	Daytona	
Ft. Myers	1	Troxler	3411	12462	CS-137	102112	50-0715	8mCi		Am 241:Be	102451	47-7742	40 mCi		6/3/2008	12/3/2008	6/3/2008	Fort Myers	
Ft. Myers	2	Troxler	3430	26648	Cs-137	102112	75-9648	8mCi		Am 241:Be	102451	47-23115	40mCi		4/29/2008	12/3/2008	4/29/2008	Fort Myers	
Ft. Myers	3	Troxler	3430	22580	Cs-137	102112	75-4314	8mCi		Am 241:Be	102451	47-18422	40mCi		6/26/2008	12/3/2008	6/26/2008	Fort Myers	
Ft. Myers	4	Troxler	3411	11143	Cs-137	102112	40-8645	8mCi		Am 241:Be	102451	47-6545	40mCi		6/4/2008	12/3/2008	6/4/2008	Fort Myers	
Ft. Myers	5	Troxler	3440	36995	Cs-137	102112	77-4082	8mCi	6/30/2005	AM 241:Be	102451	78-1862	40mCi	7/11/2005	6/3/2008	12/3/2008	6/3/2008	Fort Myers	
Ft. Myers	6	Troxler	3411	18168	Cs-137	102112	750-3438	8mCi		Am 241:Be	102451	47-13617	40mCi		6/4/2008	12/3/2008	6/4/2008	Fort Myers	
Ft. Myers	7	Troxler	3440	38748	Cs-137	102112	77-6129	8mCi	1/9/2007	Am 241:Be	102451	78-3502	40mCi	9/29/2006	4/10/2008	12/3/2008	4/10/2008	Fort Myers	
Ft. Pierce	1	Troxler	3440	37720	Cs-137	A-102112	77-4969	9 mCi		Am 241: Be	A-102451	78-2487	44 mCi						
Ft. Pierce	2	Troxler	3411B	4904	Cs-137	A-102112	40-1923	8 mCi		Am 241: Be	A-102451	47-986	40 mCi						
Ft. Pierce	3	Troxler	3440	20416	Cs-137	A-102112	75-1773	9 mCi		Am 241: Be	A-102451	47-15894	44 mCi						
Ft. Pierce	4	Troxler	3440	20417	Cs-137	A-102112	73-1774	9 mCi		Am 241: Be	A-102451		44 mCi						
Gainesville	1	Troxler	3440	39044	Cs-137	102112	77-6498	8mCi	3/7/2008	Am 241:Be	102451	78-3828	40mCi	2/19/2007	7/8/2008	7/8/2008	1/12/2009	Gainesville Office	
Gainesville	2	Troxler	3440	29794	Cs-137	102112	750-4050	8mCi	9/24/1998	Am241:Be	102451	47-26646	40mCi	4/1/1998	4/22/2008	4/22/2008	2/27/2009	Gainesville Office	
Gainesville	3	Troxler	3440	22328	Cs-137	102112	75-4011	8mCi	4/15/1993	Am241:Be	102451	47-17980	40mCi	1/19/1993	7/1/2008	7/1/2008	1/14/2009	Gainesville Office	
Gainesville	4	Troxler	3440	25886	Cs-137	102112	75-8870	8mCi	1/24/2006	Am241:Be	102451	47-22265	40mCi	11/15/1995	7/25/2008	7/25/2008	1/12/2009	Gainesville Office	
Gainesville	5	Troxler	3440	38747	Cs-137	102112	77-6128	8mCi	1/9/2007	Am241:Be	102451	78-3501	40mCi	9/29/2006	7/23/2008	7/23/2008	2/27/2009	Gainesville Office	
Gainesville	6	Troxler	3440	29465	Cs-137	102112	750-3719	8mCi	4/1/1998	Am241:Be	102451	47-26412	40mCi	2/26/1998	7/8/2008	7/8/2008	1/13/2009	Gainesville Office	
Gainesville	7	Troxler	3440	15120	Cs-137	102112	50-3962	8mCi	9/18/1987	Am241:Be	102451	47-10599	40mCi	9/16/1987	7/1/2008	7/1/2008	1/13/2009	Gainesville Office	
Gainesville	8	Troxler	3440	21223	Cs-137	102112	75-2713	8mCi	2/18/1992	Am241:Be	102451	47-17706	40mCi	3/16/1992	7/1/2008	7/1/2008	2/27/2009	Gainesville Office	
Gainesville	9	Troxler	3440	36919	Cs-137	102112	77-3983	8mCi	5/25/2005	Am241:Be	102451	78-1776	40mCi	6/22/2005	7/23/2008	7/23/2008	1/13/2009	Gainesville Office	
Gainesville	10	Troxler	3440	37828	Cs-137	102112	77-5159	8mCi	5/15/2006	Am241:Be	102451	78-2604	40mCi	5/11/2006	7/1/2008	7/1/2008	1/13/2009	Gainesville Office	
Jacksonville	1	Troxler	3430	26745	Cs-137	102112	75-9880	8mCi	5/29/1996	Am241:Be	102451	47-23220	40mCi	7/9/1996	7/15/08 R Carney	7/17/08 K O'Leary	12/17/2008	Jacksonville	
Jacksonville	2	Troxler	3430	27225	Cs-137	102112	750-962	8mCi	2/5/1997	Am241:Be	102451	47-23743	40mCi	10/31/1996	7/15/08 R Carney	7/17/08 K O'Leary	12/17/2008	Jacksonville	
Jacksonville	3	Troxler	3430	30166	Cs-137	102112	750-4421	8mCi	12/1/1998	Am241:Be	102451	47-27318	40mCi	6/22/1998	7/15/08 R Carney	7/17/08 K O'Leary	12/18/2008	Jacksonville	
Jacksonville	4	Troxler	3430	29364	Cs-137	102112	750-2588	8mCi	10/20/1997	Am241:Be	102451	47-25217	40mCi	9/29/1997	7/15/08 R Carney	7/17/08 K O'Leary	1/27/2009	Jacksonville	
Jacksonville	5	Troxler	3430	31852	Cs-137	102112	750-6795	8mCi	4/4/2000	Am241:Be	102451	47-2884	40mCi	8/13/1979	7/15/08 R Carney	7/17/08 K O'Leary	12/16/2008	Jacksonville	
Jacksonville	6	Troxler	3430	32304	Cs-137	102112	750-7679	8mCi	11/15/2000	Am241:Be	102451	47-6592	40mCi	5/22/1984	7/15/08 R Carney	7/17/08 K O'Leary	12/16/2008	Jacksonville	
Jacksonville	7	Troxler	3430	32229	Cs-137	102112	750-7369	8mCi	5/24/2000	Am241:Be	102451	47-28561	40mCi	2/5/1999	7/15/08 R Carney	7/17/08 K O'Leary	12/16/2008	Jacksonville	

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Orlando	3	Troxler	3440	16627	CS-137	102112	50-5496	8.0 mCi	6/17/1988	AM241 Be	102451	47-12052	40.0 mCi	7/12/1988	8/18/2008	2/27/2009	8/18/2008	Orlando	
Orlando	4	Troxler	3411B	19595	CS-137	102112	50-9317	8.0 mCi	7/19/1990	AM241 Be	102451	47-15073	40.0 mCi	8/3/1990	2/26/2009	2/24/2009	2/26/2009	Orlando	
Orlando	5	Troxler	3430	23666	CS-137	102112	75-5730	8.0 mCi	5/19/1994	AM241 Be	102451	47-19490	40.0 mCi	5/14/1994	12/8/2008	2/27/2009	12/8/2008	Orlando	
Orlando	6	Troxler	3430	23293	CS-137	102112	75-5308	8.0 mCi	3/9/1994	AM241 Be	102451	47-19175	40.0 mCi	2/7/1994	12/8/2008	2/24/2009	12/8/2008	Orlando	
Orlando	7	Troxler	3411	5152	CS-137	102112	40-2207	8.4 mCi	11/29/1977	AM241 Be	102451	47-1258	40.0 mCi	1/17/1978	7/17/2008	2/24/2009	7/17/2008	Orlando	
Orlando	8	Troxler	3411B	13662	CS-137		50-2427	8.5 mCi	3/19/1996	AM241 Be		47-868980	40.0 mCi	3/19/1996	7/18/2008	2/26/2009	7/18/2008	Orlando	
Orlando	9	Troxler	3411	14001	CS-137	102112	50-2189	8.0 mCi		AM241 Be	103451	47-9358	40.0 mCi		8/25/2008	2/24/2009	8/25/2008	Orlando	
Orlando	10	Troxler	3440	18251	CS-137	102112	50-7717	8.0 mCi		AM241 Be	103451	47-13700	40.0 mCi		8/1/2008	2/26/2009	8/1/2008	Orlando	
Orlando	11	Troxler	3440	15739	CS-137	102112	50-4640	8.0 mCi		AM241 Be	103451	47-11135	40.0 mCi		10/2/2008	2/24/2009	10/2/2008	Orlando	
Orlando	12	Troxler	3440	34843	CS-137	102112	77-1891	8.0 mCi	8/6/2003	AM241 Be	102451	78-55	40.0 mCi	10/9/2003	12/5/2008	2/26/2009	12/5/2008	Orlando	
Orlando	13	Troxler	3440	34867	CS-137	102112	77-1921	8.0 mCi	8/20/2003	AM241 Be	102451	78-107	40.0 mCi	11/18/2003	8/8/2008	2/24/2009	8/8/2008	Orlando	
Orlando	14	Troxler	3440	20411	CS-137	102112	75-1765	8.0 mCi	6/20/1991	AM241 Be	102451	47-15889	40.0 mCi	2/15/1991	6/16/2008	2/24/2009	6/16/2008	Orlando	
Orlando	15	Troxler	3440	20409	CS-137	102112	75-1762	8.0 mCi	6/20/1991	AM241 Be	102451	47-15887	40.0 mCi	2/15/1991	2/26/2009	2/26/2009	2/26/2009	Orlando	
Orlando	16	Troxler	3430	22701	CS-137	102112	75-4463	8.0 mCi		AM241 Be	103451	47-18545	40.0 mCi		4/8/2009	2/24/2009	4/8/2009	Orlando	
Orlando	17	Troxler	3430	22177	CS-137	102112	75-3799	8.0 mCi		AM241 Be	103451	47-17543	40.0 mCi		5/20/2008	2/26/2009	5/20/2008	Orlando	
Orlando	18	Troxler	3440	24595	CS-137	102112	75-6661	8.0 mCi		AM241 Be	103451	47-20733	40.0 mCi		3/9/2009	3/9/2009	3/9/2009	Orlando	
Orlando	19	Troxler	3440	24594	CS-137	102112	75-6660	8.0 mCi		AM241 Be	103451	47-20732	40.0 mCi		7/31/2008	2/25/2009	7/31/2008	Orlando	
Orlando	20	Troxler	3440	15190	CS-137		75-7720	8.0 mCi		AM241 Be		47-10673	40.0 mCi		6/5/2008	2/24/2009	6/5/2008	Orlando	
Orlando	21	Troxler	3440	22765	CS-137		75-4538	8.0 mCi		AM241 Be		47-18610	40.0 mCi		9/19/2008	10/15/2008	9/19/2008	Orlando	Leesburg Gauge
Orlando	22	Troxler	3440	18254	CS-137		50-7720			AM241 Be					6/13/2008	10/8/2008	6/13/2008	Orlando	Leesburg Gauge
Orlando	23	Troxler	3440	33263	CS-137		750-8642			AM241 Be		47-8914			3/17/2009	10/16/2008	3/17/2009	Orlando	Leesburg Gauge
Orlando	24	Troxler	3411	14612	CS-137	102112	50-3287			AM241 Be	103451	47-9967			1/21/2009	10/6/2008	1/21/2009	Orlando	Leesburg Gauge
Orlando	25	Troxler	3440	36096	CS-137	102112	77-3225	8.0 mCi	8/16/2004	AM241 Be	102451	78-987	40.0 mCi	9/22/2009	1/28/2008	10/9/2008	1/28/2008	Orlando	Leesburg Gauge
Orlando	26	Troxler	3440	19454	CS-137		50-9129			AM241 Be		AMN-V977			5/27/2008	5/20/2008	5/27/2008	Orlando	Leesburg Gauge
Orlando	27	Troxler	3440	21541	CS-137	102112	75-3068			AM241 Be	102451	47-17788			3/19/2009	4/18/2008	3/19/2009	Orlando	Leesburg Gauge
Palm Coast	1	CPN	MC3	M381186	CS-137	CPN-131	M38118616	10 mCi	11/30/1988	AM241 Be	CPN-131	A8616	50 mCi	11/30/1988	Bi- Annual 11/15/08	2/3/2009	8/15/2008	Palm Coast	
Palm Coast	2	Troxler	3430	34686	CS-137	A-102112	77-1692	8 mCi	1/7/2002	AM241 Be	A-102451	47-30246	40 Mci	5/2/2002	Bi- Annual 11/15/08	2/3/2009	5/27/2008	Palm Coast	
Palm Coast	3	Troxler	3440	20408	CS-137	A-102112	75-1761	8 mCi	6/20/1991	AM241 Be	A-102451	47-15886	40 Mci	2/15/1991	Bi- Annual 11/15/08	2/3/2009	5/27/5008	Palm Coast	
Palm Coast	4	Troxler	3400	20412	CS-137	A-102112	75-1768	8 mCi	6/20/1991	AM241 Be	A-102451	47-15890	40 Mci	4/23/1991	Bi- Annual 11/15/08	2/3/2009	1/9/2009	Palm Coast	
Palm Coast	5	Troxler	3400	20388	CS-137	A-102112	75-1738	8 mCi	3/7/1991	AM241 Be	A-102451	47-15866	40 Mci	2/15/1991	Bi- Annual 11/15/08	2/3/2009	9/5/2008	Palm Coast	
Panama City	1	Troxler	3440	38603	CS-137	A-102112	77-6063	9 mCi	10/18/2006	AM241 Be	A-102451	78-3342	44 mCi	9/29/2006			3/26/2009	Panama City Office	
Panama City	2	Troxler	3430	28272	CS-137	A-102112	750-2234	9 mCi	9/16/1997	AM241 Be	A-102451	47-24983	44 mCi	9/16/1997				Panama City Office	
Panama City	3	Troxler	3440	33264	CS-137	A-102112	750-8943	9 mCi	1/9/1928	AM241 Be	A-102451	47-2973	44 mCi	1/9/1928				Panama City Office	
Panama City	4	CPN	MC3	6954	CS-137	CPN-131	0535CM	10 mCi	11/21/2002	AM241 Be	CPN-131	1164NN	50 mCi	3/29/2001				Panama City Office	
Panama City	5	CPN	MC3	8133	CS-137	CPN-131	2336GC	10 mCi	6/15/1987	AM241 Be	CPN-131	8979NE	50 mCi	12/16/1987				Panama City Office	
Pensacola	1	Troxler	3430	35594	CS-137 Nuclide	102112	77-2485	8 mCi	4/22/2004	Am-241:Be	102451	78-446	40 Mci	4/19/2004	12/24/2008	8/25/2008		Panama City Off	
Pensacola	2	Troxler	3430	35593	CS-137 Nuclide	102112	77-2484	8 mCi	4/22/2004	Am-241:Be	102451	78-445	40 Mci	4/19/2004	8/7/2008	8/13/2008	4/17/2008	Pensacola Office	
Pensacola	3	Troxler	3430	35769	Cs-137 Nuclide	102112	77-2842	8 mCi	6/11/2004	Am-241:Be	102451	78-755	40 Mci	7/7/2004	8/7/2008	8/25/2008	4/20/2008	Pensacola Office	
Pensacola	4	Troxler	3430	35821	Cs-137 Nuclide	102112	77-2898	8 mCi	6/11/2004	Am-241:Be	102451	78-611	40 Mci	7/26/2004	8/7/2008	8/7/2008	4/18/2008	Pensacola Office	
Pensacola	5	Troxler	3440	20410	Cs-137 Nuclide	102112	75-1764	8 mCi	6/20/1991	Am-241:Be	102451	47-15888	40 Mci	11/15/1991	8/7/2008	8/17/2008	4/14/09	Pensacola Office	
Pensacola	6	Troxler	3440	38601	Cs-137 Nuclide	102112	77-6061	8 mCi	4/20/2007	Am-241:Be	102451	78-3340	40 Mci	9/29/2006	1/9/2009	8/7/2008	1/29/2009	Pensacola Office	
Pensacola	7	Troxler	3440	38471	Cs-137 Nuclide	102112	77-5922	8 mCi	9/25/2006	Am-241:Be	102451	78-3202	40 Mci	8/11/2006	1/27/2009	8/6/2008	1/29/2009	Pensacola Office	
Rockledge	1	Troxler	3411-B	11623	CS-137	A-102112	40-9170	8 mCi	9/26/1984	Am 241:Be	A-102451	47-2557	40 mCi	11/10/1984					
Rockledge	3	Troxler	3411-B	4891	CS-137	A-102112	CC-1910	8 mCi	2/8/1977	Am 241:Be	A-102451	CAA-970	40 mCi	7/22/1977					
Rockledge	4	Troxler	3430	27577	Cs-137	A-102112	750-1376	8 mCi	6/18/1997	Am 241:Be	A-102451	47-24111	40 mCi	11/27/1996					
Rockledge	6	Troxler	3440	16908	CS-137	A-102112	50-6077	8 mCi		Am 241:Be	A-102451	47-12331	40 mCi						
Rockledge	7	Troxler	3440	14074	Cs-137	A-102112	50-2309	8 mCi		Am 241:Be	A-102451	47-8048	40 mCi						
Rockledge	10	Troxler	3440	21555	Cs-137	A-102112	750-9278	8 mCi	3/14/2002	Am 241:Be	A-102451	47-17802	40 mCi	4/14/1992					
Rockledge	11	Troxler	3430	35655	Cs-137	A-102112	77-2712	8 mCi	7/1/2004	Am 241:Be	A-102451	78-636	40 mCi	6/16/2004					
Rockledge	12	Troxler	3430	35937	Cs-137	A-102112	77-3045	8 mCi		Am 241:Be	A-102451	78-914	40 mCi						
Rockledge	13	Troxler	3430	38352	Cs-137	A-102112	77-5689	8 mCi	8/30/2006	Am 241:Be	A-102451	47-7797	40 mCi	10/23/2006					
Sarasota	1	Troxler	3440	16730	Cs-137 Nuclide	102112	50-5598	8 Mci		Am 241: Be	102451	47-12158	40 mCi		9/9/2008	12/11/2008	9/9/2008	Sarasota Office	
Sarasota	2	Troxler	3440	24390	Cs-137 Nuclide	102112	75-6436	8 Mci		Am 241: Be	102451	47-20489	40 mCi		9/9/2008	8/7/2008	9/9/2008	Sarasota Office	
Sarasota	3	Troxler	3440	36584	Cs-137 Nuclide	102112	77-3800	8 Mci		Am 241: Be	102451	78-1342	40 mCi		8/21/2008	1/15/2008	8/21/2008	Sarasota Office	
Sarasota	4	Troxler	3440	36989	Cs-137 Nuclide	102112		8 Mci		Am 241: Be	102451		40 mCi		1/15/2008		1/15/2008	Sarasota Office	
Sarasota	5	Troxler	3440	24313	Cs-137 Nuclide	102112	75-6338	8 Mci		Am 241: Be	102451	47-20379	40 mCi		8/21/2008	8/4/2008	8/21/2008	Sarasota Office	
Sarasota	6	Troxler	3440	37513	Cs-137 Nuclide	102112	77-4727	8 Mci		Am 241: Be	102451	78-2360	40 mCi		5/7/2008	8/4/2008		Sarasota Office	
Sarasota	7	Troxler	3411-B	17588	Cs-137 Nuclide	102112	50-7079	8 Mci		Am 241: Be	102451	47-13017	40 mCi		5/7/2008	8/4/2009	5/7/2008	Sarasota Office	
Sarasota	8	Troxler	3440	38240	Cs-137 Nuclide	102112		8 Mci		Am 241: Be	102451		40 mCi		1/13/2009	1/13/2009	11/6/2008	Sarasota Office	
Sarasota	9	Troxler	3411-B	6353	Cs-137 Nuclide	102112	40-3483	8 Mci		Am 241: Be	102451	47-2545	40 mCi		8/4/2008	8/4/2008	12/6/2007	Sarasota Office	
Sarasota	10	Troxler	3440	17123	Cs-137 Nuclide	102112	50-6321	8 Mci		Am 241: Be	102451	47-12547	40 mCi		2/3/2009	2/3/2009	6/30/2008	Sarasota Office	
Sarasota	11	Troxler	3440	20011	Cs-137 Nuclide	102112	75-1230	8 Mci		Am 241: Be	102451	47-15490	40 mCi		3/20/2008	11/5/2008	3/20/2008	Sarasota Office	
Tampa	1	Troxler	3411-B	5517	CS-137	CC-2474		8.5 mCi	5/12/1978	Am 241:Be		CAA-1624	40 mCi	5/12/1978	9/25/08 Haley	7/11/08 Haley	9/25/2008	Tampa Office	
Tampa	2	Troxler	3411-B	6948	Cs-137	CC-4086		8.7 mCi	10/11/1979	Am 241:Be		CAA-3266	40 mCi	11/14/1979	4/22/08 Haley	11/4/08 Haley	4/22/2008</		

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PORTABLE GAUGE INVENTORY (cont'd)

Tampa	3	Troxler	3411-B	11951	Cs-137		40-9524	7.7 mCi		Am 241:Be		47-7265	40 mCi		4/22/08 Haley	10/26/07 Haley	4/22/2008	Tampa Office	
Tampa	4	Troxler	3440	15738	Cs-137		50-4638	8 mCi		Am 241:Be		47-11134	40 mCi		2/04/09 Haley	3/20/09 Haley	2/4/2009	Tampa Office	
Tampa	5	Troxler	3440	24113	Cs-137		75-6101	8 mCi	8/9/1994	Am 241:Be		47-20145	40 mCi	9/6/1994	4/23/08 Haley	4/15/08 Haley	4/23/2008	Tampa Office	
Tampa	6	Troxler	3440	38616	Cs-137		77-6082	8 mCi	10/18/2006	Am 241:Be		78-3357	40 mCi	9/26/2006	3/18/09 Haley	10/20/08 Haley	3/18/2009	Tampa Office	
Tampa	7	Troxler	3440	38615	Cs-137		77-6081	8 mCi	10/18/2006	Am 241:Be		78-3356	40 mCi	9/26/2006	3/18/09 Haley	3/13/08 Haley	3/18/2009	Tampa Office	
Tampa	8	Troxler	3440	20413	Cs-137		75-1769	8 mCi	6/20/1991	Am 241:Be		47-1589	40 mCi	4/23/1991	4/28/08 Haley	3/05/08 Haley	4/28/2008	Tampa Office	
Tampa	9	Troxler	3411-B	14611	Cs-137		50-3286	8 mCi	1/2/1987	Am 241:Be		47-9966	40 mCi	1/7/1987	1/22/09 Haley	10/6/08 Haley	1/22/2009	Tampa Office	
Tampa	10	Troxler	3411-B	15745	Cs-137		50-4646	8 mCi	1/19/1988	Am 241:Be		47-11141	40 mCi	3/14/1988	1/29/09 Haley	10/8/08 Haley	1/29/2009	Tampa Office	
West Palm	1	Troxler	3411	8139	CS-137	A-102112	40-5369	8 mCi	3/16/1981	AM241 Be	A-102451	47-4480	40 Mci	8/21/1980	2/5/09 Delgado	2/20/09 Delgado	8/12/2008	WPB Office	
West Palm	2	Troxler	3411	8549	CS-137	A-102112	40-5790	8 mCi	10/31/1981	AM241 Be	A-102451	47-4913	40 Mci	10/15/1981	2/5/09 Delgado	2/20/09 Delgado	12/23/2008	WPB Office	
West Palm	3	Troxler	3430	26746	CS-137	A-102112	75-9881	8 mCi	peeled off	AM241 Be	A-102451	47-23221	40 Mci	7/9/1996	2/5/09 Delgado	2/20/09 Delgado	8/13/2008	WPB Office	
West Palm	4	Troxler	3430	29698	CS-137	A-102112	750-2278	8 mCi	7/23/1998	AM241 Be	A-102451	47-25339	40 Mci	7/23/1998	2/5/09 Delgado	2/20/09 Delgado	9/17/2008	WPB Office	
West Palm	5	Troxler	3430	30167	CS-137	A-102112	750-4422	8 mCi	12/1/1998	AM241 Be	A-102451	47-27319	40 Mci	6/22/1998	2/5/09 Delgado	2/20/09 Delgado	8/13/2008	WPB Office	
West Palm	6	Troxler	3430	30923	CS-137	A-102112	750-5610	8 mCi	8/16/1999	AM241 Be	A-102451	47-15025	40 Mci	8/3/1990	2/5/09 Delgado	2/20/09 Delgado	9/16/2008	WPB Office	
West Palm	7	Troxler	3411	13224	CS-137	A-102112	50-1924	8 mCi	1/16/1986	AM241 Be	A-102451	47-8514	40 Mci	10/22/1986	2/5/09 Delgado	2/20/09 Delgado	8/11/2008	WPB Office	
West Palm	8	Troxler	3411	14604	CS-137	A-102112	50-3278	8 mCi	1/7/1987	AM241 Be	A-102451	47-9959	40 Mci	1/2/1987	2/5/09 Delgado	2/20/09 Delgado	9/17/2008	WPB Office	
West Palm	9	Troxler	3430	34607	CS-137	A-102112	77-1681	8 mCi	7/1/2003	AM241 Be	A-102451	47-9207	40 Mci	4/28/1986	2/5/09 Delgado	2/20/09 Delgado	9/16/2008	WPB Office	
West Palm	10	Troxler	3430	34617	CS-137	A-102112	77-1745	8 mCi	7/1/2003	AM241 Be	A-102451	47-8252	40 Mci	8/25/1985	2/5/09 Delgado	2/20/09 Delgado	2/18/2008	WPB Office	
West Palm	11	Troxler	3430	35624	CS-137	A-102112	77-2679	8 mCi	7/1/2004	AM241 Be	A-102451	78-583	40 Mci	6/16/2004	2/5/09 Delgado	2/20/09 Delgado	8/12/2008	WPB Office	
West Palm	12	Troxler	3430	35629	CS-137	A-102112	77-2684	8 mCi	7/1/2004	AM241 Be	A-102451	78-588	40 Mci	6/16/2004	2/5/09 Delgado	2/20/09 Delgado	8/11/2008	WPB Office	
West Palm	13	Troxler	3430	37866	CS-137	A-102112	77-5143	8 mCi	5/15/2006	AM241 Be	A-102451	78-2647	40 Mci	5/2/2006	2/5/09 Delgado	2/20/09 Delgado	7/16/2008	WPB Office	
West Palm	14	Troxler	3430	37867	CS-137	A-102112	77-5144	8 mCi	5/15/2006	AM241 Be	A-102451	78-2648	40 Mci	5/2/2006	2/5/09 Delgado	2/20/09 Delgado	7/16/2008	WPB Office	

Certificate of Completion

This certifies that

Jim Lewis

has successfully completed the

Troxler Radiation Safety Officer Course

conducted by the training department of

Troxler Electronic Laboratories, Inc.

Harvey Dunlevy
Harvey Dunlevy

Instructor

June 20, 2001

Date

William F. Troxler, Jr.

President



THIS DOCUMENT MAY BE USED TO VERIFY TRAINING REQUIRED BY 49CFR172, SUBPART H.

JIM LEWIS

NAME

6/20/01

TRAINING DATE

Training materials used are part of the Troxler Electronic Laboratories, Inc. Nuclear Gauge Safety Training Program. Topics covered apply to recognition, labeling, preparation for transport, transportation, regulatory compliance, emergency response, personal protection, and accident avoidance only as they apply to radioactive White I and Yellow II portable gauging devices.

TROXLER ELECTRONIC LABORATORIES, INC.
3008 CORNWALLIS ROAD
P.O. BOX 12057
RESEARCH TRIANGLE PARK, NC 27709

HRRJEY DUNLEVY
INSTRUCTOR

I hereby certify that the above named employee has been properly trained and tested in accordance with the requirements of 49CFR172, subpart H.

COMPANY OFFICIAL

6/20/04
EXPIRATION DATE

COMPANY AND ADDRESS



This is to acknowledge the receipt of your letter/application dated

4/23/2009, and to inform you that the initial processing which includes an administrative review has been performed.

☒ *NEW LICENSE APPLICATION (07038028)*
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

_____.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail **Control Number** 143686.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.