



**MEGA CONTRACTORS, INC.**

P.O. BOX 6387  
RICHMOND, VIRGINIA 23230  
2150 ASHLAND ROAD  
ROCKVILLE, VIRGINIA 23146  
PHONE 804-749-3266  
FAX 804-749-3640

HIGHWAY CONTRACTORS • ASPHALT PAVING • CLASS A CONTRACTOR • VA. LIC. NO. 021171A

April 13, 2005

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

03020242

Ref: License No. 45-23075-01

Gentlemen:

Please find attached NRC Form 313 Application for Renewal of our License Number 45-23075-01 that expires on June 30, 2005

Please contact us if any additional information is needed.

Very truly yours,

MEGA CONTRACTORS, INC.

J. Brent Moore  
Vice President

REC'D IN LAT 4/20/2005

136905  
NMSS/RGNI MATERIALS-002

**APPLICATION FOR MATERIAL LICENSE**

Estimated burden per response to comply with this mandatory 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, NEOB-10202, (3150-0000), 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:**  
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 23T85  
ATLANTA, GEORGIA 30303-8931

**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  
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

03020242  
X

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

<p>1. THIS IS AN APPLICATION FOR <i>(Check appropriate item)</i></p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>45-23075-01</u></p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT <i>(Include ZIP code)</i></p> <p>Mega Contractors, Inc. P. O. Box 6387 Richmond, VA 23230</p>
<p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>Mega Contractors, Inc. 2150 Ashland Road (storage) Rockville, VA 23146</p> <p>Temporary Job Sites (use)</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>J. Brent Moore (RSO)</p> <p>TELEPHONE NUMBER</p> <p>804-749-3266</p>

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

<p>5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</p>	<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>		
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</p>	<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p>		
<p>9. FACILITIES AND EQUIPMENT.</p>	<p>10. RADIATION SAFETY PROGRAM.</p>		
<p>11. WASTE MANAGEMENT.</p>	<p>12. LICENSE FEES <i>(See 10 CFR 170 and Section 170.31)</i></p> <table style="width: 100%;"> <tr> <td style="width: 70%;">FEE CATEGORY</td> <td style="width: 30%;">AMOUNT ENCLOSED \$</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 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. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

<p>CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE</p> <p>J. Brent Moore, Vice President</p>	<p>SIGNATURE</p>	<p>DATE</p> <p>4-12-05</p>
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	



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### **Item 5. RADIOACTIVE MATERIAL**

<b>Radioisotope</b>	<b>Form</b>	<b>Troxler Drawing</b>	<b>Maximum Amount (per source)</b>
<b>Cesium-137</b>	<b>Special Form</b>	<b>A-102112</b>	<b>9 mCi</b>

### **Item 6. PURPOSES FOR WHICH LICENSED MATERIAL WILL BE USED.**

For use in a Troxler Model 3400 series, 4640 series, 4545, or 3565 portable measuring gauge.

### **Item 7. INDIVIDUAL RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.**

J. Brent Moore will be the Radiation Safety Officer. Mr. Moore has successfully completed the Radiation Safety Officer Class and Hazmat Certification conducted by Troxler Electronic Laboratories, Inc.. Mr. Moore has overseen Mega Contractors, Inc. radiation safety program since 1986.

### **Item 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.**

Before using licensed materials, authorized users will have successfully completed the Nuclear Gauge Safety Training Class and HAZMAT Certification Class conducted by the gauge manufacturer Troxler Electronic Laboratories, Inc.

### **Item 9. FACILITIES AND EQUIPMENT**

Need not be submitted with Application.

### **Item 10. RADIATION SAFETY PROGRAM – AUDIT PROGRAM**

Need not be submitted with Application.



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### **Item 10. RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES**

**Need not be submitted with Application.**

### **Item 10. RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS**

**We possess and use a radiation survey meter (TroxAlert – manufactured by Troxler Electronic Laboratories, Inc.) for use in the event of an accident involving a gauge. The survey meter will be calibrated annually by the manufacturer and checked for functionality before each use.**

### **Item 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.**

### **Item 10. RADIATION SAFETY PROGRAM – OCCUPATIONAL DOSIMETRY**

**We will provide dosimetry processed and evaluated by an NVLAP approved processor that is exchanged at a frequency recommended by the processor.**

### **Item 10. RADIATION SAFETY PROGRAM – PUBLIC DOSE**

**Need not be submitted with Application.**

### **Item 10. RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES**

**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. I, Rev. !, dated November 2001.**



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### **Item 10. RADIATION SAFETY PROGRAM – LEAK TEST**

**Leak Test will be performed at intervals not to exceed six (6) months or other intervals specified in the license using an approved kit such as the Troxler Model 3880 Leak Test Kit, in accordance with the manufacturer's instructions. Leak test samples will be analyzed by Troxler Electronic Laboratories, Inc.**

### **Item 10. RADIATION SAFETY PROGRAM – MAINTENANCE**

**We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions. We will send the gauge to the manufacturer to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.**

### **Item 10. RADIATION SAFETY PROGRAM – TRANSPORTATION**

**Need not be submitted with application**

### **Item 11. WASTE MANAGEMENT – GAUGE DISPOSAL AND TRANSFER**

**Need not be submitted with application**

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

4/13/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Renew 45-23075-01  
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

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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** 136905.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

: (FOR LFMS USE)  
: INFORMATION FROM LTS  
: -----  
:  
: Program Code: 03121  
: Status Code: 2  
: Fee Category: 3P  
: Exp. Date: 20050630  
: Fee Comments: \_\_\_\_\_  
: Decom Fin Assur Req: N  
: ::::::::::::::::::::::::::::::::::::::

BETWEEN:  
  
License Fee Management Branch, ARM  
and  
Regional Licensing Sections

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED  
Applicant/Licensee: MEGA CONTRACTORS, INC.  
Received Date: 20050420  
Docket No: 3020242  
Control No.: 136905  
License No.: 45-23075-01  
Action Type: Renewal

2. FEE ATTACHED  
Amount: /  
Check No.: /

3. COMMENTS

Signed Rebecca J. Ford  
Date 4/22/05

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_\_/)

1. Fee Category and Amount: \_\_\_\_\_  
2. Correct Fee Paid. Application may be processed for:  
Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_  
3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_