

NRC FORM 7  
(6-2006)  
10 CFR 110

## U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

# APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL

(See Instructions on Page 5)

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), 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.

## PART A. FOR NRC USE ONLY

☒ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED

AUG 12 2010

LICENSE NUMBER

PCB 127.02

DOCKET NUMBER

N/A

ADAMS ACCESSION NUMBER

## PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

## 1. NAME AND ADDRESS OF APPLICANT/LICENSEE

Tucker Energy Services  
12607 E. 60th Street  
Tulsa, OK 74146-6910

## 1a. NAME OF APPLICANT'S CONTACT

William Johnson

## 1b. APPLICANT'S REFERENCE NUMBER

## 1c. PHONE NUMBER

(918) 252-5416

## 1d. FAX NUMBER

(918) 252-4496

## 1e. E-MAIL ADDRESS

bjohnson@tuckerenergy.com

## 2. TYPE OF NRC LICENSE REQUESTED (Check One)

☐
EXPORT  
(Parts B, C, E)
☐
IMPORT  
(Parts B, D, E)
☒
COMBINED EXPORT/IMPORT  
(Parts B, C, D, E)
☒
AMENDMENT/RENEWAL  
Existing License Number:  
PCB127.01

## 3. CONTRACT NUMBER(S)

## 4. FIRST SHIPMENT DATE

10/01/2010

## 5. LAST SHIPMENT DATE

08/30/2013

## 6. PROPOSED EXPIRATION DATE

09/30/2013

## PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

## 7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT

Tucker Energy Services  
12607 E. 60th Street  
Tulsa, OK 74146-6910

Tucker Technologies Inc  
12607 E. 60th Street  
Tulsa, OK 74146-6910

Tucker Wireline Services USA  
12607 E. 60th Street  
Tulsa, OK 74146-6910

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## 8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)

## 9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)

OilSERV Oilfield Services  
Company-Shesti Street  
Opposite Jalil Khayat Mosque-Erbil  
Kurdistan Region, Iraq

## 7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED

Supply and Repair

## 8a. INTERMEDIATE USE(S)

## 9a. ULTIMATE END USE(S)

Exploration of Oil and Gas

## 10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS

See page 3

## 10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)

## 10b. MAX ENRICHMENT OR WGT %

## 10c. MAX ISOTOPE WGT (KG)

## 11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)



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# **APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <b>ECB 127.02</b>	DOCKET NUMBER <b>N/A</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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## **PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS** (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)


12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT  OilSERV Oilfield Services Company-Shesti Street Opposite Jalil Khayat Mosque-Erbil Kurdistan Region, Iraq	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)  Tucker Energy Services 12607 E. 60th Street Tulsa, OK 74146-6910  Tucker Technologies Inc. 12607 E. 60th Street Tulsa, OK 74146-6910  Tucker Wireline Services USA 12607 E. 60th Street Tulsa, OK 74146-6910	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) State of Oklahoma (OK-19815-02) 02/29/2018	
	13b. INTERMEDIATE USE(S)	14b. INTERMEDIATE USE(S) Repair and Return	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  See page 3	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)

16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

## **PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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**18. CERTIFICATION:** I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL William D. Johnson Radiation Safety Officer	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 08/06/2010
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**AUG 12 2010**

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# APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (Continued)

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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 10 Page 1  
Block 15 Page 2

Quantity	Type	Activity Level	Usage
12	Am241Be Sealed Sources	0.592 TBq 16 Ci	Oil field Logging Source for Neutron Logging
12	Am241Be Sealed Sources	0.009 TBq 250 mCi	Calibration Source for Neutron Logging
4	Am241Be Sealed Sources	0.009 TBq 250 mCi	Lab Test Source for Neutron Logging Tool Repair
12	CS137 Sealed Sources	0.077 TBq 2.1Ci	Oil field Logging Source for Density Logging
48	137 Sealed Sources	0.000044 TBq/ea 1.2 uCi/ea	Energy Compensation Source for Density Logging
4	CS137 Sealed Sources	0.000407 TBq 11 uCi	Lab Test Source for Gamma Logging Tool Repair
12	Th232 Sealed Sources	0.000185 Tbq 5uCi	Calibration Source for Natural Gamma Logging
24	Am241 Sealed Sources	0.002035 TBq/ea 55 uCi/ea	Energy Compensation Source for Spectral Gamma Logging
12	KUT Field Verifier consisting of Less than the following Isotopes		Calibration Source for Spectral Gamma Logging
	K40	0.000111 TBq (3uCi)	
	U238	0.0000148 TBq (0.4uCi)	
	Th232	0.0000111TBq (0.3uCi)	
200	Co60	0.00037TBq (10 uCi)	PIP Tags for Oil field Logging

AUG 12 2010





12607 E. 60<sup>th</sup> Street  
Tulsa, Oklahoma 74146-6910  
Phone: (918) 252-5416  
Fax: (918) 252-4496

August 6, 2010

Stephen Baker  
Licensing Officer  
Office of International Programs  
U.S. Nuclear Regulatory Commission

PCB 127.02

**Subject: Request for an Amendment and Renewal of Import/Export License to Iraq.  
PCB127.01**

Mr. Baker,

Tucker Energy Services, Inc. is in the oil and gas related business with a Radiation License from the State of Oklahoma (OK-19815-02). Tucker Energy Services, Inc. is the parent company of Tucker Wireline US, Inc., Tucker Technologies, Inc, Tucker Wireline (Canada), Tucker Wireline (Brazil), Tucker Wireline (Venezuela), and Tucker Wireline (Trinidad).

**Tucker Technologies, Inc.**  
12607 E. 60<sup>th</sup> Street  
Tulsa Ok 74146

**Tucker Wireline Brazil**  
Rua Vicent Fernandes 179  
Mossoro, RN 59607-260 Brazil

**Tucker Wireline US, Inc.**  
12607 E. 60<sup>th</sup> Street  
Tulsa, Ok 74146

**Tucker Wireline Trinidad**  
Lot No. 3B Otaheite Industrial Estate  
Otaheite, Trinidad

**Tucker Wireline Canada**  
7123 Sparrow Drive  
Leduc, Alberta Canada T9E 2T8

**Tucker Wireline Venezuela**  
Avenida Intercommunal - No. 68  
Tia Juana, Ojeda, Zulia Venezuela

The Oil and Gas Industry obtains information about the subterranean geology of a selected area by contracting a Wireline Service Company with Down Hole Well Logging Tools, this information is used to help determine the location of oil and gas reserves.

One of the tools requires a Cs-137 sealed source to obtain the density of the formation, another tool requires an Am241Be sealed source to obtain the hydrogen content of the formation, and at present this is the only technology that can provide this information to the Oil and Gas Industry to meet the world demand for their products.

Tucker Technologies, Inc. is a research and development company of oilfield logging equipment and the manufacturer of said equipment, the tools and equipment provided by Tucker Technologies, Inc are used for the exploration of oil and gas in all cases.

We currently have a sale pending to Iraq upon approval of this application, and in the course of doing business it will become necessary to transfer radioactive sources between foreign operations and the USA operations either for repair of the source holder or for operational needs.

In this regards Tucker Energy Services, Inc. is requesting an amendment for an additional source type (Co60) and in increase in quantities of Radioactive Material and renewal to our Import/Export license to Iraq to change the expiration date to 3 years for date of issue. All radioactive material shipped to Iraq will be category 2 amounts or less per shipment. All sources will individually be less than category 2 amounts.

AUG 12 2010

Tucker Technologies, Inc.

8/5/2010

Please find enclosed our check totaling \$9,800.00USD for payment of the licensing fee associated with this correspondence.

If more information is required, please contact me.

Email address: [bjohnson@tuckerenergy.com](mailto:bjohnson@tuckerenergy.com)

Telephone: 918.252.5416 Ext 139

Cellular: 918.645.0520

Sincerely,



William D. Johnson RSO  
Tucker Energy Services, Inc.

PCB 127.02

Enclosed:

NRC Form 7.

Oklahoma DEQ License Number: OK-19815-02.

Import/Export License Number PCB127.01

Iraq Import Authorization

License Fee-\$9800.00 / Check Number 198646.

AUG 12 2010