

EXPORT AND IMPORT LICENSE

NRC FORM 250P

NRC LICENSE NO.: **CBP55-2**

LICENSE EXPIRES: **April 30, 2010**

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United States of America
Nuclear Regulatory Commission
Washington, D.C. 20555

Pursuant to the Atomic Energy Act of 1954, as amended, and the regulations issued by the Nuclear Regulatory Commission (NRC) pursuant thereto, and in reliance on statements and representations heretofore made by the applicant/licensee, this license is hereby issued authorizing the licensee to import and/or export the byproduct materials listed below, subject to the terms and conditions herein. This license is only valid if the licensee maintains the requisite NRC or Agreement State domestic licenses.

<p align="center">LICENSEE</p> <p>Tucker Energy Services ATTN: William Johnson 12607 E. 60th Street Tulsa, Oklahoma 74146-6910</p> <p>APPLICANT'S REFERENCE: Application dated 02/26/08</p>	<p align="center">ULTIMATE FOREIGN CONSIGNEE(S)</p> <p align="center">Listed on Page 3.</p>
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<p align="center">INTERMEDIATE FOREIGN AND/OR DOMESTIC CONSIGNEE(S)</p> <p align="center">NONE</p>	<p align="center">OTHER PARTY(IES) TO EXPORT/IMPORT</p> <p>Tucker Technologies, Inc. 12607 E. 60th Street Tulsa, Oklahoma 74146-6910</p> <p>Tucker Wireline Services USA 12607 E. 60th Street Tulsa, Oklahoma 74146-6910</p>
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COUNTRY(IES) OF ULTIMATE DESTINATION: Australia, Azerbaijan, Brazil, Canada, Indonesia, Libya, Oman, Poland, Trinidad and Tobago, Ukraine, United Kingdom (British Virgin Islands), United States, Venezuela.

**CONDITIONS, NOTES, AND DESCRIPTIONS OF 10 CFR PART 110, APPENDIX P,
BYPRODUCT MATERIALS TO BE EXPORTED AND/OR IMPORTED**
(NOTE: SEE PAGE 2 FOR DEFINITIONS OF CATEGORY 1 AND CATEGORY 2)

Export (for exploration of oil and gas) and import (for repair and return) of Category 2 quantities of Americium-241, Americium-241/Beryllium, and Cesium-137, contained in sealed sources and devices, from and to locations listed under 'Ultimate Foreign Consignee(s)' and 'Other Party(ies) to Export/Import.' No more than 3 Category 2 Americium-241/Beryllium or Cesium-137 sources will be shipped to either Libya or Oman per year.

Tucker Energy Services is responsible for compliance with all applicable import, export, and other domestic regulatory requirements, including all terms and conditions of domestic materials licenses. Tucker Energy Services, if not already submitted with your application, must submit information required by 10 CFR §110.32(d) and pertinent documentation required by 10 CFR §110.32(h) at least **24 hours prior to shipment**. See Page 2 for Mandatory Pre-shipment Notifications.

This license replaces and combines CBP55a-1 and CBP55b-1 into one license, and amends their authority to 1) update locations and countries, and 2) change the expiration date.

Neither this license or any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all of the other provisions of said Act, now or hereafter in effect and to all valid rules and regulations of NRC.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVE

Scott W. Moore

NAME AND TITLE: Scott W. Moore, Deputy Director
Office of International Programs

DATE OF ISSUANCE: May 15, 2008

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Table 1: Appendix P to Part 110–Category 1 and Category 2 Radioactive Material Threshold Limits

Radioactive Material	Category 1		Category 2	
	Terabequerels (TBq)	Curies (Ci) ¹	Terabequerels (TBq)	Curies (Ci) ¹
Americium-241	60	1,600	0.6	16
Americium-241/Beryllium	60	1,600	0.6	16
Californium-252	20	540	0.2	5.4
Curium-244	50	1,400	0.5	14
Cobalt-60	30	810	0.3	8.1
Cesium-137	100	2,700	1.0	27
Gadolinium-153	1,000	27,000	10.0	270
Iridium-192	80	2,200	0.8	22
Plutonium-238 ²	60	1,600	0.6	16
Plutonium-239/Beryllium ²	60	1,600	0.6	16
Promethium-147	40,000	1,100,000	400	11,000
Radium-226 ³	40	1,100	0.4	11
Selenium-75	200	5,400	2.0	54
Strontium-90 (Y-90)	1,000	27,000	10.0	270
Thulium-170	20,000	540,000	200	5,400
Ytterbium-169	300	8,100	3.0	81

Calculation of Shipments Containing Multiple Sources or Radionuclides:

The "sum of fractions" methodology for evaluating combinations of radionuclides being transported, is to be used when import or export shipments contain multiple sources or multiple radionuclides. The threshold limit values used in a sum of the fractions calculation must be the metric values (i.e., TBq).

I. If multiple sources and/or multiple radionuclides are present in an import or export shipment, the sum of the fractions of the activity of each radionuclides must be determined to verify the shipment is less than the Category 1 or 2 limits of Table 1, as appropriate. If the calculated sum of the fractions ratio, using the following equation, is greater than or equal to 1.0, then the import or export shipment exceeds the threshold limits of Table 1 and the applicable security provisions of this part apply.

II. Use the equation below to calculate the sum of the fractions ratio by inserting the actual activity of the applicable radionuclides or of the individual sources (of the same radionuclides) in the numerator of the equation and the corresponding threshold activity limit from the Table 1 in the denominator of the equation. Ensure the numerator and denominator values are in the same units and all calculations must be performed using the TBq (i.e., metric) values of Table 1.

- R1 = activity for radionuclides or source number 1
- R2 = activity for radionuclides or source number 2
- RN = activity for radionuclides or source number n
- AR1 = activity limit for radionuclides or source number 1
- AR2 = activity limit for radionuclides or source number 2
- ARN = activity limit for radionuclides or source number n

MANDATORY NOTIFICATIONS: Notifications required by 10 CFR 110.50(b)(4) are to be emailed to hoo1@nrc.gov (preferred method) or faxed to 301-816-5151. In the subject line of the email or on the fax cover page include: "10 CFR 110.50(b)(4) Notification." To contact someone in the Operations Center, use the same e-mail address or call 301-816-5100. Difficulties notifying the U.S. Nuclear Regulatory Commission must be promptly reported to the Office of International Programs' import/export licensing staff at 301-415-2342 or 415-3329.

¹ The values to be used to determine whether a license is required are given in TBq. Curie (Ci) values are provided for practical usefulness only and are rounded after conversion.

² The limits for Pu-238 and Pu-239/Be in this table apply for imports to the U.S. The limits for exports of Pu-238 and Pu-239/Be can be found in § 110.21.

³ Discrete sources of Radium-226.

ULTIMATE FOREIGN CONSIGNEES

1. Crocker Research Pty, Ltd.
44a Tennant Street
Welshpool 6106
Perth, Western Australia
Australia
2. Caspian Wireline Services, Ltd.
19, Aziz Nazarov
Baku AZ1021
Azerbaijan
3. State Oil Company of Azerbaijan-SOCAR
Geophysical & Geological Department
Madangeophysical Division
Bahar Offshore Geophysical Expedition
Gum Adasi 1089
Azerbaijan
4. Tucker Wireline Brazil
Rua Vincent Fernandes 179
Mossoro, RN 59607-260
Brazil
5. Caspian Well Services, Ltd.
Roadtown Road
British Virgin Islands
6. Tucker Wireline Canada
7123 Sparrow Drive
Leduc, Alberta T9E 2T8
Canada
7. PT. Exspan Petrogas Intranusa (EPI)
Menara Bidakara, 3rd Floor
Jalan Jend. Gatot Subroto, Kav. 71-73
Pancoran - Jakarta 12870
Indonesia
8. Camco Petroleum Services, Inc.
Field base, Area 103D, Latitude: 28 54' 58.47"
Longitude: 20 57' 4.70" (Nearest Gialo Village)
Libya
9. Tucker Wireline Trinidad
Lot No. 3B Otaheite Industrial Estate
Otaheite
Trinidad and Tobago
10. Falcon Oilfields Services LLC
Workshop-Nizwa Industrial Estate-Land 19-23
Nizwa
Oman
11. Geofizyka Krakow Sp. z o.o.
Baza Geofizyki Wiertniczej
ul. Lotnikow 3
38-400 Krosno
Poland
12. Geofizyka Torun (GT) Sp. z o.o.
Ul. Chrobrego 50
87-100 Torun 3
Poland
13. Geophisic Department
"Ukrgaspromgeophysica" of Affiliated Company
"Ukrgasproduction"
Gagarina Str. 348
Kharkiv 61031
Ukraine
14. Tucker Wireline Venezuela
Avenida Intercommunal - No. 68
Tia Juana, Ojeda, Zulia
Venezuela

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