

NRC FORM 7
(8-2007)
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		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 3/19/08
LICENSE NUMBER PCB100.0	DOCKET NUMBER	ADAMS ACCESSION NUMBER	

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

(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 Halliburton Energy Services 2107 City West Blvd., Bldg 2 Houston, TX 77042		1a. NAME OF APPLICANT'S CONTACT Cindy Dorris	1b. APPLICANT'S REFERENCE NUMBER HES2532
		1c. PHONE NUMBER (713) 839-4566	1d. FAX NUMBER (713) 839-4564
		1e. E-MAIL ADDRESS cynthia.dorris@halliburton.com	
2. TYPE OF ACTION REQUESTED (Check One) <input type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input checked="" type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____			
3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 01/18/2008	5. LAST SHIPMENT DATE 12/31/2015	6. PROPOSED EXPIRATION DATE 12/31/2015

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		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Halliburton Energy Services and its Subsidiaries inshore and offshore in Azerbaijan See page 3	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S)	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT		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)**

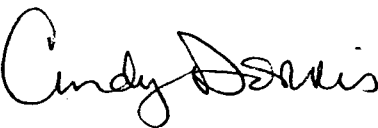
LICENSE NUMBER PCB100.0	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS
(If more space is 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	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES See Attachment 1 Category 2 quantities of Am-241 and Am-24/Be that are in the excess of the 0.6 terebequerels threshold	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 type="checkbox"/> NO
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 Cindy Dorris International Trade Compliance	18b. SIGNATURE - AUTHORIZED OFFICIAL 
18c. DATE 03/17/2008	

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LICENSE NUMBER PCB100.0	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input checked="checked" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

For a license to export and import Category 2 Americium-241 and Americium-241/Be to Halliburton Energy Services and its Subsidiaries inshore and offshore in Azerbaijan.

HALLIBURTON

International Trade Compliance Group
2101 CityWest Blvd., Bldg. 2, 4th Flr • Houston, Tx 77042
Direct: 713-839-2000 • Fax: 713-839-4564

PCB 100.0

3/19/08

March 17, 2007

Deputy Director,
Office of International Programs
U.S. Nuclear Regulatory Commission
Mail Stop O-4E21
11555 Rockville Pike
Rockville, Maryland 20852

HES 2532

RE: Application for Specific License for the Export of Americium in amounts exceeding SI Limits – NRC 10 CFR, Part 110

Deputy Director,

Halliburton Energy Services, Inc. is applying for a license to export and import Category 2 Americium-241 and Americium-241/Be for shipments that are in the excess of the 0.6 terabequerels threshold. These materials will be used to calibrate downhole well logging equipment for the completion of an oil or gas well prior to the production, or to enhance production of existing wells. These items are subject to the export licensing jurisdiction of the U. S. Nuclear Regulatory Commission. Enclosed please find Halliburton's check in the amount of \$4600.00 (four thousand and six hundred dollars) as the application fee this license.

Halliburton Energy Services in consideration of Title 10, Part 110.42 (c) of the Code of Federal Regulations submits that the NRC-Controlled Items proposed for export are not inimical to the common defense and security of the United States and the proposed exports are consistent with the policies and objectives of the United States Government.

Included in the application package please find a completed and signed copy of NRC Form 7, "Application for License to Export Nuclear Material and Equipment," with attachment, ~~and a copy of current License~~ per Cindy Dorris 6/11/08

If you should have any questions please do not hesitate to call or write at the above number or address.

Sincerely,



Cindy Dorris
Halliburton Energy Services
International Trade Compliance
Ph: 713-839-4566
Email: cynthia.dorris@halliburton.com

PCB100.0

Enc: NRC Form 7

Halliburton Energy Services Attachment 1

Halliburton Check for Application

~~Support Documents~~

~~Copy of Current License~~

Per C. Dorris 6/11/08

PCB100.0

Attachment 1

USNRC Form 7, Application for License to Export and Import
Americium Material
Application Reference Number HES2532

Attachment 1

USNRC Form 7, Application to Export and Import
Americium Material
HES2532

Halliburton's license application criteria is based on the specific shipments that exceed NRC threshold limits as per 10 CFR Part 110. Our current inventory includes 19 Curie Ambe sources that will require this license for all exports and imports returning to the U.S.

The new regulation requires the use of the 'sum of calculations' methodology for multiple or consolidated shipments. Halliburton has several Ambe sources that are less than the threshold but could exceed the limits if consolidated.

For this reason we are requesting a quantity of 200 'events' or movements. Each shipment will be considered one event and therefore one pull down on the license and one notification to the NRC.

Description
19 Curie Am241Be Logging Source used with Dual Spaced Neutron Tool.
16 Curie Am241Be Logging Source used with Dual Spaced Neutron Tool
15 Curie Am241Be Logging Source used with Dual Spaced Neutron Tool
0.5 Curie Am241Be Logging Source used with Dual Spaced Neutron Tool
150 milliCurie Am241 source for use with the Fluid Density Tool
0.1 milliCurie Am241 calibration source for tool calibration
19 Curie Am241/Be sealed source with transport shield used in Compensated Thermal Neutron (CTN) Tool
50 nCi Am-241 pulsar source installed in the Compensated Spectral Natural Gamma Ray Tool
8 Curie Am241Be sealed source with transport shield used in Compensated Neutron Porosity (CNPh) Tool
100 milliCurie Am241Be sealed source installed in Compensated Thermal Neutron (CTN) verifier for calibration of CTN Tool

Application country for Halliburton Energy Services and subsidiaries in various oil well locations onshore and offshore in Azerbaijan.