

NRC FORM 7 (6-2006) 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027 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.	EXPIRES: 06/30/2009
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL <i>(See Instructions on Page 5)</i>			

PART A. FOR NRC USE ONLY	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED
LICENSE NUMBER CBP00256-1	DOCKET NUMBER	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 Halliburton Energy Services 2101 City West Blvd., Bldg 2 Houston, TX 77242	1a. NAME OF APPLICANT'S CONTACT Cindy Dorris	1b. APPLICANT'S REFERENCE NUMBER HES4015	1c. PHONE NUMBER (713) 839-4566
			1d. FAX NUMBER (713) 839-4564
	1e. E-MAIL ADDRESS cynthia.dorris@halliburton.com		
2. TYPE OF NRC LICENSE REQUESTED (Check One) <input type="checkbox"/> EXPORT (Parts B, 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 01/01/2007	5. LAST SHIPMENT DATE 12/31/2007	6. PROPOSED EXPIRATION DATE 12/31/2008

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 in Qatar and Saudi Arabia **See attachment Sheets	
7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED	8a. INTERMEDIATE USE(S)	9a. ULTIMATE END USE(S)	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS See Attachment 1 Category 2 quantities of Am-241 and Am-241/Be that are in excess of the 0.6 terebequerels threshold	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISO TOPE WGT (KG)

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

NRC FORM 7
(6-2006)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input 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. INTERMEDIATE USE(S)		
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)	
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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 type="checkbox"/> YES <input 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 Cindy Dorris Coordinator, International Trade Compliance	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Cindy Dorris</i>	18c. DATE 10/12/2006
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HALLIBURTON

International Trade Compliance • 2101 CityWest Blvd., Bldg. 2 • Houston, TX 77042-3201
P.O. Box 42806 Houston, TX 77242
Phone 713.839.2000 • Fax 713.839.4564

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

October 12, 2006

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 down hole 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 \$3900.00 (Thirty nine hundred dollars) as the application fee for 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 which will expire in December of 2006.

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
Fax: 713-839-4564
Email: cynthia.dorris@halliburton.com

Enc: NRC Form 7
Halliburton Energy Services Attachment 1
Halliburton Check for Application
Support Documents

Attachment 1
USNRC Form 7, Application to Export and Import
Americium Material
HES4015

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.
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 Company Germany (GmbH) and subsidiaries in various oil well locations onshore and offshore in Qatar and Saudi Arabia.

QATAR – ULTIMATE FOREIGN CONSIGNEE(S)

Sperry – Sun Drilling Services
C/O Al Ahed Trading
P.O. Box 3266
Doha, Qatar

Halliburton Worldwide LTD
C/O Jaidah Motors & Trading Co.
P. O. Box 3036
Doha, Qatar

HES/Halliburton Worldwide
Unit 5 & 6 Venture
Nasser Enterprises WLL
Doha, Qatar

SAUDI ARABIA – ULTIMATE FOREIGN CONSIGNEE(S)

Sperry-Sun Saudi Co., LTD
ABU Hydriya Road
Al Nabia End
Saihat, 31952, Al Khobar
Saudi Arabia

Saudi Halliburton
P.O. Box 3474
Al-Khobar 31952
Saudi Arabia

Sperry-Sun Saudi Co.
Saudi Halliburton
Abqaiq Facility
Abqaiq, Saudi Arabia

Sperry-Sun Saudi
P. O. Box 30142
Al-Khobar 31952
Saudi Arabia