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U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3150-0027

NRC FORM 7 (8-2007) 10 CFR 110

EXPIRES: 06/30/2009

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

APPLICATION FOR NRC EXPORT/IMPORT  LICENSE, AMENDMENT, OR RENEWAL  Services Branch (T-5 F52), U.S. or by internet e-mail to infocolle Regulatory Affairs, NEOB-10202 DC 20503. If a means used to in				ocollects@nrc.gov 10202, (3150-002) I to impose an info NRC may not co	gulatory Commiss , and to the Desi 7), Office of Man ermation collection	sion, Washington, DC 20555-0001, k Officer, Office of Information and agement and Budget, Washington, in does not display a currently valid ir, and a person is not required to
PARTA, FOR NRC USE ONLY		UBLIC OR	NON-PUBLIC	# 1 L	30/08	
PIB (01.0)	DOCKET	NUMBER		ADAMS ACC	SSION NUM	BER
PART B. TO BE COMPLET						
1. NAME AND ADDRESS OF APPLICANT/LICEN	SEE	1a. NAME OF APPLICANT'S CONTACT		1b. APPLICANT'S REFERENCE NUMBER		
Schlumberger Technology		Ray	mond Dickes	SLB-053008		
Corporation		1c. PHONE NUMB		1d. FAX NUMBER		
200 Gillingham Lane			81) 285-8775	· ·	(281)	285-8526
Sugar Land, Texas 77478		1e. E-MAIL ADDRI		es1@slb.c	om	
2. TYPE OF ACTION REQUESTED (Check EXPORT NOTIFICATION EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PA	RT C, E)	MPORT Parts B, D, E)	COMBINED EXPO (Parts B, C, D, E)	RT/IMPORT	1 1	INDMENT/RENEWAL ting License Number:
' '	T SHIPMENT DAT	1	LAST SHIPMENT DATE			D EXPIRATION DATE
NSSI 713-641-0391	07/15/20	08	07/15/2018	3	0	07/15/2018
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  7. PUNCTION(S) PERFORMED/SERVICE(S) PROVIDE	FOREIG	S) / ADDRESS(ES) GN CONSIGNEE(S)	OF INTERMEDIATE		CONSIGNÉE(	S) OF ULTIMATE S)
					····	
10. DESCRIPTION OF RADIOACTIVE MATERIAL NUCLEAR FACILITIES, EQUIPMENT, OR CONUCLEAR EQUIPMENT INCLUDE TOTAL DEEQUIPMENT FOR EXPORT	OMPONENTS; FOF	R EI	AX TOTAL VOLUME / LEMENT WGT (KG), OR DTAL ACTIVITY (TBq)	10b. MAX EN OR WG1		10c. MAX ISOTOPE WGT (KG)
11. FOREIGN OBLIGATIONS (BY COUNTRY AN	D BY PERCENTA	GE OF MAXIMUM T	OTAL VOLUME)			

Page	2	of
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## APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (Continued)

PIB 10 1.0	ER /	DAMS ACCESSION NUMBER	X PUBLIC OR	NON-PUBLIC	
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)		
International Atomic Energy		*	Schlumberger Technology		
Agency, U.S. DOE and			care of		
Schlumberger Technology			Nuclear Sources and Services		
Corporation Affiliates in any			Inc.		
nation other than NRC			5711 Etheridge		
Embargoed Destinations (10	-		Houston, Texas, 77234		
CFR 110.28)					
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMB	ER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)		
Oviginal Evypouts made by			L01833 8/31/20	011	
Original Exports made by			L02991 Timely Renewal		
Schlumberger Technology Corpoation using the NRC	135 INTERMEDIATE	USE/S)	44 HI THATE END LICE(C)		
General Export License found	13b. INTERMEDIATE USE(S)		14b. ULTIMATE END USE(S)  Pagyaling or transfer to		
in 10 CFR 110		:	Recycling or transfer to		
in to CFR 110				decay-in-storage facility	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SE NUCLEAR FACILITIES	ALED SOURCES,	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)	
See additional information Tabl	e 1	Combined activity	Not Applicable	Not Applicable	
		=> Category 2			
		threshold limits but		1	
<del>^</del>		< Category 1			
		threshold limits			
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) $0\%$					
PART E. TO BE COMP	PLETED FOR A	LL LICENSES, AMENDI	MENTS, OR RENEW	ALS	
17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?  YES NO NO AUTHORIZATIONS PROVIDED?  YES NO NO NO NOT NOT NOT NOT NOT NOT NOT NO					
18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title10, 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 18b. SIGNATURE AOTHORIZED OFFICIAL 18c. DATE					
Raymond Dickes King Mond Brown 05/22/2008					
Radiation Safety Officer 05/22/2008					
Schlumberger Technology Cor	poration 🖪	V			

NRC FORM 7 (8-2007) 10 CFR 110 U.S. NUCLEAR REGULATORY COMMISSION

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

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LICENSE NUMBER DOCKET NUMBER	ADAMS ACCESSION NUMBER
	PUBLIC OP NON-PUBLIC
	I PUBLIC UR I NUN-PUBLIC

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

## Table 1 – List of Sealed Sources for Import

Item on L01833, Description, SSDR

- 5B, Sealed Source, Co-60, Schlumberger Model GSR-H, TX0586S105S
- 5E, Sealed Source, Cs-137, QSA Global, Inc. Model CDC.CY3, MA1059S191S
- 5F, Sealed Source Am-241, Schlumberger Model ASR-A, ASR-B, and ASR-C, TX0586S102S
- 5G, Sealed Source Am-241, Monsanto Model 24154-B, NR882S811S
- 5H, Sealed Source Am-241, Gammatron Model AN-HP, TX303S1O2U
- 5I, Sealed Source Am-241Be, Schlumberger Model NSR-D, TX0586S108S
- 5J, Sealed Source Am-241Be, Gammatron Model AN-HP, TX303S1O2U
- 5K, Sealed Source, Cf-252, Schlumberger Model NSR-R, TX0586S106S
- 5L, Sealed Source, Cs-137, QSA Global, Inc. Model 773, MA1059D114S
- 5N, Sealed Source, Cs-137, QSA Global, Inc. Model CDC.CY14, MA1059S191S
- 5P, Sealed Source Am-241Be, Schlumberger Model NSR-F, TX0586S107S and Schlumberger Model NSR-L, TX0586S111S
- 5Q, Sealed Source Am-241Be, Schlumberger Model NSR-M and Model NSR-T, TX0586S110S

Copies of licenses L01833 and L02991 plus all SSDR's listed above attached.

Raymond N. Dickes

Radiation Safety Officer Explosives Safety Officer Oilfield Services Schlumberger

May 29, 2008

Nuclear Regulatory Commission Office of International Programs Washington, DC 20555-0001

Submitted via FedEx (Hardcopy)

Received 5/30/08

## Dear Sirs:

I am writing to request an import license for sealed radioactive sources containing byproduct material. Schlumberger Technology Corporation ("Schlumberger") is requesting that this license be issued in time to allow a first shipment on July 15, 2008. The International Atomic Energy Agency ("IAEA") has requested we attempt to arrange for the receipt of a shipment of these sources from Brazil on or after July 15, 2008.

Attached you will find the license application (NRC Form 7) and additional information referenced in the application including information on the sealed sources that will be imported. These sealed sources contain one of four nuclides, Am-241/Am-241Be, Cf-252, Co-60 or Cs-137. Schlumberger is authorized to possess these sources by the Radioactive Material License L01833 (copy attached) issued by the Texas State Department of Health Services, Bureau of Radiation Control. Schlumberger has supplied sealed sources of the types shown in the application to Schlumberger Affiliates for more than three decades. These sources are used in oil and gas exploration and production and were exported using the general license found in 10 CFR 110.

In addition to the first shipment from Brazil, Schlumberger is planning on returning sources to the United States (their country of origin) for either recycling or storage pending transfer to an authorized decay-in-storage facility. Schlumberger is cooperating with the U.S. Department of Energy, the International Atomic Energy Agency ("IAEA") and the governments of countries in which Schlumberger Affiliates operate to identify excess sources and return these to the U.S. These imports may originate in any country except NRC Embargoed Destinations as defined in 10 CFR 110.28.

Please contact me at 281-285-8775 or by email at <u>dickes1@slb.com</u> if you require more information.

Şincerely

Raymond Dickes

Attachments: NRC Form 7

Additional Information for Application (SLB-053008)