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1. NAME AND ADDRESS OF APPLIC	ANT/LICENSEE	1a, NAME	OF APPLIC	ANT'S CONTACT	1b. AP	PLICANTS R	EFERENCE NUMBER	
J.L. Shepherd and	Associates	J.L.	J.L. Shepherd			MK5217		
1010 Arroyo Ave.		1c. PHON	IE NUMBER		1d. FAX NUMBER			
San Fernando, CA 9	340-1822	(818	3) 898–	2361	(1	318)361	-8095	
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		sale	s@jlsh	epherd.com				
2, TYPE OF NRC LICENSE REC	UESTED (Check		000					
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7a. LIST FUNCTIONS PERFORMED/SERV	ICE PROVIDED	8a. INTERMEDIATE USE	E(S)		9a. ULTIMATE			
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10. DESCRIPTION OF RADIOACTIV NUCLEAR FACILITIES, EQUIPM 2 each Reviss RSL	EMATERIALS, SEA ENT, OR COMPON 5270 Specia	ALED SOURCES, ENTS al Form	ELEM	TOTAL VOLUME / ENT WGT (KG), OR L ACTIVITY (TBg)	10b. MAX EN OR WG	RICHMENT	10c, MAX ISOTOPE WGT (KG)	
Cs-137 sources of≤				TBQ Cs-137	N/A	1	59 grams	
DSK 2384(JLS&A 680))Special	Form Cs-137	1	each Spe-			_	
sources of ≤ 3.626T	-		li .	Reviss RSL				
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modalities: Reviss				TBQ each and			·	
two each QSA Global			?	1ch DSK 2384				
kages, each of which	n would Co	ourain one	(JLS&A	1 6800)Spe-		!		
11. FOREIGN OBLIGATIONS (BY CO N/A	UNTRY AND BY P	ERCENTAGE OF MAX	IMUM TOTA	L VOLUME)				

NRC FORM 7 (6-2006)

U.S. NUCLEAR REGULATORY COMMISSION

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

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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) / ADDRI CONSIGNEE(S)	EŞS(ES) OF INTERMEDIATE	14. NAME(S) / ADDRESS(ES CONSIGNEE(S)) OF ULTIMATE	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a, LICENSE NUMB	ER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) /	EXPIRATION DATE(S)	
	·	•			
	13b. INTERMEDIATE	USE(S)	14b. INTERMEDIATE USE(S)		
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)	
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		·			
15. FOREIGN OBLIGATIONS (BY COUNTRY AND BY F	PERCENTAGE OF MAX	XIMUM 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?	YES NO	17a. COPIES OF RECI AUTHORIZATION:		YES 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 OFFIC J.L. Shepherd	CIAL	18b. SIGNATURE - AUTHORIZE	ED OFFICIAL	18c. DATE	
President/RSO		Josh		4/25/68	

U.S. NUCLEAR REGULATORY COMMISSION

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)

Page #1 Block 10.

each RLS 6270 and one DSK 2384.

These sources are transferred on-site from the shipping packages to the single shielded source rod in the Mark I Model 68A Category I Irradiator using transfer shields during which procedure the Cs-137 sources are completely shielded at all times and there is no significant radiation exposure to either the enviornment or JLS&A personnel.

Page #1 Block 10a.

cial Form sources of ≤3.626TBQ each.

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

XBP109

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

ADDENDUM # 1 from page #1

Box # 1b. MK5221

Box # 9.Centro De Investigacion Biomedica De La Universidad De Granada Avenida del Conocimiento, s/n,18100,Armilla,Granada.

Box # 10. 2 each Reviss RSL 6270 Special Form Cs-137 sources of ≤ 13.6 TBQ and two each DSK 2384 (JLS&A 6800) Special Form Cs-137 sources of ≤ 3.40 TBQ will be shipped. Shipment will be made in either of two modalities: Reviss 3750 B(U) package or two each QSA Global Model 702 B(U) packages, each of which would contain oneeach RLS 6270 and one DSK 2384.

These sources are transfered on-site from the shipping packages to the single shielded source rod in the Mark I Model 68A Category I Irradiator using transfer shields during which procedure the Cs-137 sources are completely shielded at all times and there is no significant radiation exposure to either the environment or JLS&A personnel.

Box 10a. 34 TBQ Cs-137 in two each Special Form Reviss RSL 6270 sources of ≤13.6 TBQ each and two each DSK 2384 (JLS&A 6800) Special Form sources of ≤3.40 TBQ each.

Box 10c. 54.3 grams.

ADDENDUM # 2 from page #1

Box # 1b. MK5218

Box # 9. Instituto De Investigaciones Biomedicas Alberto Solis C/ Arturo Duperier, 4 (28029-Madrid)

Box # 10. 2 each Reviss RSL 6270 Special Form Cs-137 sources of ≤ 14.2 TBQ will be shipped. Shipment will be made in either of two modalities: Reviss 3750 B(U) package or two each QSA Global Model 702 B(U) packages, each of which would contain one each RSL 6270 and one DSK 2384.

These sources are transfered on-site from the shipping packages to the single shielded source rod in the Mark I Model 68A Category I Irradiator using transfer shields during which procedure the Cs-137 sources are completely shielded at all times and there is no significant radiation exposure to either the environment or JLS&A personnel.

Box # 10a. 28.4 TBQ Cs-137 in two each Special Form Reviss RSL 6270 sources of ≤14.2 TBQ each.

Box # 10c. 45.4 grams.

SHEPHERD & ASSOCIATES 1010 Arroyo ave., San Fernando, California 91340-1822

818-898-2361 FAX 818-361-8095

6/17/08

Received

XBP109

6/12/08

USNRC Office of International Programs Attn: Stephen Dembeck Mail Stop 04E21 11555 Rockville Pike Rockville, MD 10852

Dear Mr. Dembeck,

Per our conversation of last week we wish to amend our application for an Export License to ship to Spain (Reference application number XBP 109) to include two additional Mark I irradiators to be delivered to Licensees in Spain.

Attached are the completed revised forms and copies of the Licenses issued to entities in Spain. Please call if we may provide additional information.

Bet regards,

J. L. Shepherd

Per 6-18 Jelseon, we must have all 3 Spain addresses & Thg data on the license.

Diana Shepherd, VP

NRC FORM 7 U.S. NO (6-2006) 10 CFR 110 APPLICATION FOR N LICENSE, AMENDIN (See Instruction	MENT, OR REP	/IMPORT	Estimated burden per responsubmittal is reviewed to ensure a satisfied. Send communications Services Branch (T-5 F52), or by internet e-mail to inform Regulatory Affairs, NEOB-DC 20503. If a means used	onse to comply with this mandatory ure that the applicable statutory, re ents regarding burden estimate U.S. Nuclear Regulatory Commis- icollects@nrc.gov, and to the Di202, (3150-0027), Office of Man to impose an information collection NRC may not conduct or sponso	EXPIRES: 06/30/2009 collection request: 2.4 hours. This signilatory, and policy considerations to the Records and FOIA/Privacy sion, Washington, DC 20555-0001, k Officer, Office of Information and agement and Budget, Washington, in does not display a currently valid r, and a person is not required to	
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			ICENSES, AMENDM			
1. NAME AND ADDRESS OF APPLICANT/L			PPLICANT'S CONTACT		FERENCE NUMBER	
J.L. Shepherd and Asso		J.L. Sh		MK5217		
1010 Arroyo Ave.		1c. PHONE NUM	<u> </u>	1d, FAX NUMBER		
San Fernando, CA 91340	-1822		98-2361	(818)361-8095		
· ·		1e, E-MAIL ADD		(010)301 00)3		
			lshepherd.com			
2. TYPE OF NRC LICENSE REQUEST	TED (Check One)			Drawi oue Franc	T doon on	
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7a. LIST FUNCTIONS PERFORMED/SERVICE PR	ł	EDIATE USE(S) N/A		Radiation of I	Biological	
10. DESCRIPTION OF RADIOACTIVE MATNUCLEAR FACILITIES, EQUIPMENT, C 2 each Reviss RSL 6270 Cs-137 sources of \$\frac{1}{2}\] L4. DSK 2384(JLS&A 6800) Spources of \$\frac{1}{2}\] Sources of \$\frac{1}{2}\] Sources of \$\frac{1}{2}\] 3. 626TBQ with the model of the model	OR COMPONENTS OF SPECIAL FORM OF STRUCTURE O	m each 36 s-137 in For two 62 two pac- two one (J)	MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) .86TBQ Cs-137 two each Spe- rm Reviss RSL 70 sources of .8 TBQ each and o each DSK 2384 LS&A 6800) Spe-	Materials 10b. MAX ENRICHMENT OR WGT % N/A	10c MAX ISOTOPE WGT (KG) 59 grams	
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U.S. NUCLEAR REGULATORY COMMISSION

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

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16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY F	PERCENTAGE OF MAX	XIMUM TOTAL VOLUME)				
PART E. TO BE COMPLETED FOR <u>ALL</u> LICENSES, AMENDMENTS, OR RENEWALS						
17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?	YES NO	17a. COPIES OF RECI AUTHORIZATION	· · · · · · · · · · · · · · · · · · ·	YES 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 OFFICE J.L. Shepherd	CIAL	18b. SIGNATURE – AUTHORIZE	ED OFFICIAL	18c. DATE		
President/RSO		Josh		4/25/68		

U.S. NUCLEAR REGULATORY COMMISSION

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

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Page #1 Block 10a.

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