Page	1	~
raue	- 1	UI

3

PART A. FOR NRC USE ONLY PUBLIC OR NON-PUBLIC	NRC FORM 7 (8-2011) 10 CFR 110 APPLICATION FOR NRC EXP LICENSE, AMENDMENT, OR CONSENT REQUEST (See Instructions on Pages 4	RENEWAL,	PORT	This submittal is reviewed considerations are satisfic Services Branch (T-5 F53) or by internet e-mail to Information and Regulato Budget, Washington, DC 2	sponse to comply ed to ensure the ied. Send common, U.S. Nuclear Re- Infocollects.Rescory Affairs, NEO 20503. If a mean OMB control nun espond to, the info	ly with this manda nat the applicable nents regarding bi Regulatory Commis ource@nrc.gov, a 0B-10202, (3150-0 ns used to impose mber, the NRC m formation collection	EXPIRES: 08/31/2012 latory collection request: 2.4 hours. e statutory, regulatory, and policy purden estimate to the Information ssion, Washington, DC 20555-0001, and to the Desk Officer, Office of 0027), Office of Management and e an information collection does not nay not conduct or sponsor, and a on.	
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS (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 APPLICANTICLESSEE JL SHEPHERD & ASSOCIATES 10. AREOVO AVE, SAN FERNANDO, CA 91340-1822 11. SHEPHERD 12. SHEPHERD 13. SHEPHERD 14. FAX NUMBER (818) 361-8095 15. EMAIL ADDRESS SALES@JLSHEPHERD.COM 2. TYPE OF ACTION REQUESTED (Check One) 2. TYPE OF ACTION REQUESTED (Check One) 2. TYPE OF ACTION REQUESTED (Check One) 3. CONTRACT NUMBER(S) 3. CONTRACT NUMBER(S) 3. CONTRACT NUMBER(S) 3. CONTRACT NUMBER(S) 4. FIRST SHIPMENT DATE 5. LAST SHIPMENT DATE 6. PROPOSED EXPIRATION DATE 6. PROPOSE	PART A. FOR NRC USE ONLY	PUBLIC	OR [NON-PUBLIC	EEB 1 5 2012			
(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 APPLICANTICIENSEE JL SHEPHERD & ASSOCIATES 1010 ARROYO AVE, SAN FERNANDO, CA 91340-1822 10. PHONE NUMBER (818) 98-2361 10. FAX NUMBER (818) 361-8095 10. FAX NUMBER (818) 361-8095 10. PHONE NUMBER (818) 361-8095 10. PERCHAPTION OF RECOMPLETED FOR EXPORT LICENSES, AMENDMENT/RENEWAL (Plats B, C) Current License Number: XBP109 3. CONTRACT NUMBER(S) 4. FIRST SHIPMENT DATE (Plats B, C) Current License Number: XBP109 3. CONTRACT NUMBER(S) 4. FIRST SHIPMENT DATE (Flats B, C) Current License Number: APPART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, RENEWALS OF CONSENTS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.) 7. MAME(S) ADDRESS(S) OF SUPPLIES ANDIOR OTHER PARTIES TO THE EXPORT 8. NAME(S) ADDRESS(S) OF INTERMEDIATE FOREIGN CONSIGNEE(S) 10. MAXE(S) ADDRESS(S) OF UTIMATE PORCINO OTHER PARTIES TO THE EXPORT 10. MAXE(S) ADDRESS(S) OF UTIMATE PORCINO OTHER PARTIES TO THE EXPORT 10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR PACILITIES, EQUIPMENT FOR EXPORT ACTIVITY (Fig. 100-MAX TOTAL VOLUME) EMEMERY WORT (NO.) CATEGORY 2 QUANTITIES OF Cs-1-37 SEALED SOURCES TO BE USED IN SELF-CONTAINED CATEGORY 2 ANSIN N3.6) IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL	LICENSE NUMBER V.B. 109.01	DOCKET NUMBER		ADAMS A BEES BION NUMBER			IBER	
JL SHEPHERD MK-S-P-2 10: PHONE NUMBER (818) 898-2361 10: E-MANL ADDRESS SALES@JLSHEPHERD.COM 2. TYPE OF ACTION REQUESTED (Check One) X	(If more space is needed to complete	e any of the items, ι	use Pages 3	3-4 first, and then atta	ach addition	al sheets, if n	necessary.)	
1c. PHONE NUMBER (818) 988-2361 1d. FAX NUMBER (818) 361-8095	J.L SHEPHERD & ASSOCIATES	100000000000000000000000000000000000000					EFERENCE NUMBER	
16. E-MAIL ADDRESS SALES@JL SHEPHERD.COM 2. TYPE OF ACTION REQUESTED (Check One) X		1c. PHO					3) 361-8095	
EXPORT (Parts B, C, E)		1		_			,	
3. CONTRACT NUMBER(S) 4. FIRST SHIPMENT DATE 5. LAST SHIPMENT DATE 6/1/13 PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, RENEWALS OR CONSENTS (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) Centro Nacional de Investigaciones Cardiovasculares CArdiovasculares CArdiovasculares CArdiovasculares CARdelohor Fernandez Almagro 3 Edificio CNIC 28059 Madrid Spain 10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR SULCEAR FACILITIES, EQUIPMENT TO CLUBE / CONTAINED CATEGORY 2 QUANTITIES OF Cs-137 SEALED CATEGORY 2 QUANTITIES OF Cs-137 SEALED CATEGORY 2 ANSI N43.6) IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL 10. LAST SHIPMENT DATE 6/1/13 6. PROPOSED EXPIRATION 6. PROPOSED EXPIRATION 6. PROPOSED EXPIRATION 6. PROPOSED EXPIRATION	X EXPORT IMP	PORT	V .	ent License Number:		(Parts Curren	B, C) nt License Number:	
(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) Centro Nacional de Investigaciones Cardiovasculares (C/Melchor Fernandez Almagro 3 Edificio CNIC 28059 Madrid Spain 7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED 8a. INTERMEDIATE USE(S) 9a. ULTIMATE END USE(S) 9a. ULTIMATE END USE(S) 10b. MAX ENRICHMENT OR WGT (KG), OR TOTAL ACTIVITY (TBq) ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) ELEMENT FOR EXPORT CATEGORY 2 QUANTITIES OF CS-137 SEALED SOURCES TO BE USED IN SELF-CONTAINED (CATEGORY 2 ANSI N43.6) IRRADIATORS FOR IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL	3. CONTRACT NUMBER(S) 4. FIRST SHIPI	MENT DATE				6. PROPOSED EXPIRATION DATE		
AND/OR OTHER PARTIES TO THE EXPORT FOREIGN CONSIGNEE(\$) FOREIGN CONSIGNEE(\$) Cardiovasculares C/Melchor Fernandez Almagro 3 Edificio CNIC 28059 Madrid Spain 10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT CATEGORY 2 QUANTITIES OF Cs-137 SEALED SOURCES TO BE USED IN SELF-CONTAINED (CATEGORY 2 ANSI N43.6) IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL FOREIGN CONSIGNEE(\$) FOREIGN CONSIGNEE(\$) Centro Nacional de Investigaciones Cardiovasculares C/Melchor Fernandez Almagro 3 Edificio CNIC 28059 Madrid Spain 10a. MAX TOTAL VOLUME / ELEMENT WCT (KG), OR TOTAL ACTIVITY (TBq) ELEMENT WCT (KG), OR TOTAL ACTIVITY (TBq) N/A. TBD.								
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT CATEGORY 2 QUANTITIES OF Cs-137 SEALED SOURCES TO BE USED IN SELF-CONTAINED (CATEGORY 2 ANSI N43.6) IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL 10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) LESS THAN 100TBQ (2,700 ci) per shipment 10b. MAX ENRICHMENT OR WGT % VGT (KG) N/A. TBD.	. NAME(S) / ADDRESS(ES) OF SUPPLIERS 8. NAME(S) / ADDRESS(ENEE(S) Cer Car C/N 3 E 280		FOREIGN CONSIGNEE(S) Centro Nacional de Investigaciones Cardiovasculares C/Melchor Fernandez Almagro Edificio CNIC 8059 Madrid		
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT CATEGORY 2 QUANTITIES OF Cs-137 SEALED SOURCES TO BE USED IN SELF-CONTAINED (CATEGORY 2 ANSI N43.6) IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL 10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) LESS THAN 100TBQ (2,700 ci) per shipment 10b. MAX ENRICHMENT OR WGT % VGT (KG) N/A. TBD.				u i				
NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT CATEGORY 2 QUANTITIES OF Cs-137 SEALED SOURCES TO BE USED IN SELF-CONTAINED (CATEGORY 2 ANSI N43.6) IRRADIATORS FOR IRRADIATION OF BIOLOGICAL MATERIAL ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) LESS THAN 100TBQ (2,700 ci) per shipment (2,700 ci) per shipment	7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED	8a. INTERMEDIATE USI	a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S)			
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)	NUCLEAR FACILITIES, EQUIPMENT, OR COMPONI NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR ' EQUIPMENT FOR EXPORT CATEGORY 2 QUANTITIES OF Cs-137 S' SOURCES TO BE USED IN SELF-CONTA (CATEGORY 2 ANSI N43.6) IRRADIATO	ENTS; FOR VALUE OF SEALED AINED DRS FOR	ELEM TOTAL	MENT WGT (KG), OR AL ACTIVITY (TBq) HAN 100TBQ	OR WG		WGT (KG)	
	11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY P	ERCENTAGE OF MA	XIMUM TOTA	AL VOLUME)				

NRC FORM 7 (8-2011)

3 Page 2 of U.S. NUCLEAR REGULATORY COMMISSION NRC FORM 7 (8-2011) 10 CFR 110 APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued) LICENSE NUMBER DOCKET NUMBER ADAMS ACCESSION NUMBER **PUBLIC NON-PUBLIC** OR. PART D. TO BE COMPLETED FOR IMPORT 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.) 14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. 13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE 12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES CONSIGNEE(S) CONSIGNEE(S) TO IMPORT 14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) 12a. NRC EXPORT LICENSE NUMBER(S) 13a. LICENSE NUMBER(S) / EXPIRATION DATE(S) (if applicable) 13b. INTERMEDIATE USE(S) 14b. ULTIMATE END USE(S) 15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, 15b. MAX ENRICHMENT 15c. MAX ISOTOPE 15a. MAX TOTAL VOLUME / **NUCLEAR FACILITIES** ELEMENT WGT (KG), OR OR WGT % WGT (KG) TOTAL ACTIVITY (TBq) 16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S) 17. ADDITIONAL INFORMATION 17a. COPIES OF RECIPIENTS' PROVIDED ON PAGES 3, 4, ✓ YES YES **√** NO **AUTHORIZATIONS PROVIDED?** AND/OR ON SEPARATE SHEETS? I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title10, 18. CERTIFICATION: Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18b. SIGNATURE -- AUTHORIZED OFFICIAL

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL

ILSHEPHERD

PEESIDENT & RSO

18c. DATE

NRC FORM 7 (8-2011) 10 CFR 110 U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER	the second second second second	
PXB109.01			PUBLIC OR	NON-PUBLIC

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

-Centro De Investigacion Biomedica

De la Universidad De Granada

Avenida del Conocimiento s/n 18100

Armilla, Grasnada

Spain

-Instituto De Investigaciones Biomedicas

Alberto Solis

C/Arturo Dupeier, 4

28029-Madrid

Spain

-IBIS (Instituto de Biomedicina de Sevilla) at.

Campus Hospital Universitario Virgen del Rocío

Edificio Laboratorio, 6ª Planta

Avenida Manuel Siurot s/n. 41013 Sevilla.

Spain

-BARNACLINIC (Group Hospital Clinic)

Villarroel, 170

08036 Barcelona

Spain

-INBIOMED FOUNDATION

Paseo Mikeletegi 61

20009 San Sebastian (Donostia)

Spain