

NRC FORM 7

(6-2006)

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 intocollects@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 type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED
LICENSE NUMBER XBPF69	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 J.L. Shepherd and Associates 1010 Arroyo Ave. San Fernando, CA 91340-1822	1a. NAME OF APPLICANT'S CONTACT J.L. Shepherd	1b. APPLICANT'S REFERENCE NUMBER MK5122
	1c. PHONE NUMBER (818) 898-2361	1d. FAX NUMBER (818) 361-8095
	1e. E-MAIL ADDRESS sales@jlshepherd.com	
2. TYPE OF NRC LICENSE REQUESTED (Check One)		
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts E, D, E) <input 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 12/06	5. LAST SHIPMENT DATE 3/07
		6. PROPOSED EXPIRATION DATE 12/31/07

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 REVISS Services, Inc 175 E. Hawthorn Parkway Vernon Hills IL. 600061 REVISS Services(UK)Limited 6 Chiltern Court Ashridge Road, Cheltham Bukinghamshire HP5 2PX England	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) N/A	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Sunnybrook Health Science Centre 2075 Bayview Avenue Toronto, ON M4N 3M5 Canada Womens College Hospital 76 Grenville Street Toronto, ON	
7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED REVISS is the owner of the (see next page)	8a. INTERMEDIATE USE(S) N/A	9a. ULTIMATE END USE(S) Radiation and Biological Materials	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS 2 each REVISS R6050 Cs-137 sources of ≤ 44.4 TBQ (1,200 Ci.) ea, total 88.8 TBQ (2,400 Ci.) will be shipped. These sources are loaded into a single shielded source rod which is shipped in the REVISS 3750 container. A J.L. Shepherd and Associates Mark I Model 68A irradiator with current CNSC approval as well (see next page)	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 88.8 TBQ (2,400 Ci) of Cs-137 in 2 ea 44.4 TBQ (1,200 Ci) REVISS R6050 Special Form sources "Special Form" certificate attached	10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) 120 grams
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	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)
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
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 L. SHEPHERD PRESIDENT / RSO	18b. SIGNATURE - AUTHORIZED OFFICIAL [Signature]
18c. DATE 10/27/06	

NRC FORM 7

(6-2008)
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**APPLICATION FOR NRC EXPORT/IMPORT
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Continued from 7.a

3750 B(U) container in which the Cs-137 sources will be shipped and will be "Shipper of Record". J.L. Shepherd and Associates sub-contracts cask use and shipping services as "Shipper of Record" to REVISS SERVICES. REVISS is also the manufacturer of the R6050 Cs-137 sources which will be shipped. These sources are supplied by REVISS to J.L. Shepherd and Associates in bulk for distribution in irradiators manufactured by J.L. Shepherd and Associates.

Continued from 10.

as current USA SS&D sheet is shipped without the Cs-137 sources installed. After arrival at users facility the Cs-137 source assembly is transferred from the 3750 shipping container to the Mark I Model 68A irradiator using a transfer cask so that the sources are fully shielded at all times during the transfer. J.L. Shepherd and Associates possesses a CNSC License to perform the source transfer and install the MARK I.

A copy of the "Special Form" certificate for the R6050 sources is attached. A copy of the cover page for SS&D sheet for the Mark I 68A, CA059D104S is attached. The Model is 68-A-2. A copy of the S&D sheet will be forwarded if required.

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