


<b>NRC FORM 7</b> (11-2012) 10 CFR 110		<b>U. S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB: NO. 3150-0027</b> <b>EXPIRES: (11/30/2015)</b> <small>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 Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@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.</small>
<b>APPLICATION FOR NRC EXPORT OR IMPORT          LICENSE, AMENDMENT, RENEWAL,          OR CONSENT REQUEST(S)</b> <i>(See Instructions on Pages 4 and 5)</i>			
<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	
LICENSE NUMBER PXB187.00		DOCKET NUMBER 11006150	
DATE RECEIVED 4-21-14		ADAMS ACCESSION NUMBER	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b> <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>			
1. NAME AND ADDRESS OF APPLICANT/LICENSEE University of California, San Diego 9500 Gilman Drive #0089 La Jolla, CA 92093-0089		1a. NAME OF APPLICANT'S CONTACT Corey Singleton 1c. PHONE NUMBER 858-822-4045 1e. E-MAIL ADDRESS csingleton@ucsd.edu	
1b. APPLICANT'S REFERENCE NUMBER		1d. FAX NUMBER	
2. TYPE OF ACTION REQUESTED <i>(Check One)</i> <input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Current License Number: <input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:			
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 8/2014	
5. LAST SHIPMENT DATE 8/2014		6. PROPOSED EXPIRATION DATE 10/2014	
<b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b> <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>			
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT  Best Theratronics, Ltd 7643 Fullerton Road Springfield, VA 22153 USA		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)	
9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  Best Theratronics, Ltd 413 March Road Ottawa, Ontario K2K 0E4 Canada		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  xxx TBq or XXX curies 11.50 TBq 310.93 Ci	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED See Attached		8a. INTERMEDIATE USE(S) N/A	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  Cesium 137 sealed source (model number - xxx) in Gammacell 100 or 3000 (serial number - xxx) irradiator SN 1328, MDL 82-Cs-22		10b. MAX ENRICHMENT OR WGT % N/A	
10c. MAX ISOTOPE WGT (KG) N/A		9a. ULTIMATE END USE(S) Disposal	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

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U. S. NUCLEAR REGULATORY COMMISSION

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


LICENSE NUMBER <b>PXB187.00</b>	DOCKET NUMBER <b>11006150</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**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.)

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 U. S. 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. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  Cs-137 Blood Irradiator	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  11.50 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, RENEWALS OR CONSENT REQUEST(S)**

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 checked="" 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 Corey Singleton, CHP Radiation Safety Officer University of California, San Diego	18b. SIGNATURE — AUTHORIZED OFFICIAL 
18c. DATE 2/26/2014	

Feb 27 4-21-14  
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APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER PX6187.00	DOCKET NUMBER 11006150	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Here is a brief summary of what Best Theratronics will do in removing Gammacell 1000/3000 serial # ~~\*\*\*~~ <sup>1328</sup> back to Canada for disposal:

- Hire an approved transport company to ship the new Raycell /Gammacell 1000/3000 Serial # ~~\*\*\*\*~~ <sup>1328</sup> to ( ~~add hospital name~~ <sup>UCSD</sup> )
- Hire local riggers to assist the Best Theratronics technician to move the Gammacell 1000/3000 from the current location to the loading dock where it is packed in the overpack for transport back to Canada.
- In most cases the metal stand, covers and electronics will be disposed of locally by the hospital. If that is not possible we can bring it back to Canada as well, but it is not the preferred solution.

For more information you can call  
COREY SINGLETON, RSO @ UCSD.  
858-822-4045.

JMS 4-21-14  
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