

NRC FORM 7  
(11-2012)  
10 CFR 110



U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: (11/30/2015)

**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL,  
OR CONSENT REQUEST(S)**  
(See Instructions on Pages 4 and 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 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.

<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 5-4-14
LICENSE NUMBER PXB187.01	DOCKET NUMBER 11006150	ADAMS ACCESSION NUMBER	

**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 APPLICANT/LICENSEE  University of California, San Diego 9500 Gilman Drive #0091 La Jolla, CA 92093-0091		1a. NAME OF APPLICANT'S CONTACT Corey Singleton	1b. APPLICANT'S REFERENCE NUMBER
		1c. PHONE NUMBER (858) 822-4045	1d. FAX NUMBER
		1e. E-MAIL ADDRESS csingleton@ucsd.edu	
2. TYPE OF ACTION REQUESTED (Check One)			
<input type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input checked="" type="checkbox"/> AMENDMENT/RENEWAL (Current License Number: PXB187.00) <input type="checkbox"/> CONSENT REQUEST (Parts B, C) (Current License Number: )			
3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 06/01/2015	5. LAST SHIPMENT DATE 05/31/2016	6. PROPOSED EXPIRATION DATE 05/31/2016

**PART C. TO BE COMPLETED FOR EXPORT 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 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	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED See attached		8a. INTERMEDIATE USE(S) N/A		9a. ULTIMATE END USE(S) Disposal	
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 irradiator Model: Gamma Cell 1000 Serial Number: 1328		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 309.8 Ci 11.46 TBq		10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)					

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


LICENSE NUMBER <b>PXB187.01</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	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, 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 <b>4-29-2015</b>

Subs-4-K  
JMS



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

LICENSE NUMBER <b>PXB187.01</b>	DOCKET NUMBER <b>11D06180</b>	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, SN 1328 back to Canada for disposal:

\*Hire an approved transport company to ship the Gammacell 1000.

\*Hire local riggers to assist the Best Theratronics technician to move the Gammacell 1000 from the current location to the loading dock where it is packed in the overpack for transport to Canada.

For more information please contact Corey Singleton.

125-4-15  
JMS

# UNIVERSITY OF CALIFORNIA, SAN DIEGO

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SANTA BARBARA • SANTA CRUZ

RADIATION SAFETY  
ENVIRONMENT, HEALTH & SAFETY  
PHONE (858) 822-4045

9500 GILMAN DRIVE  
LA JOLLA, CALIFORNIA 92093-0091

4/29/2015

To: NRC

RE: Amendment to License PXB 187.00

This amendment is a request to renew the license for the next year. The irradiator was scheduled to be shipped to Canada by 5-2015 but the renovation project has been extended. The irradiator should leave this summer.

I made some minor changes to the amendment including changing our mail code and cleaning up some inconsistencies with the description but the purpose of the license has not changed.

If you have any questions, please feel free to contact me on my cell phone, 858-583-3268 or at [csingleton@ucsd.edu](mailto:csingleton@ucsd.edu).

Thank you,

A handwritten signature in dark ink, consisting of a stylized 'C' followed by a long, sweeping horizontal line that ends in a small upward hook.

Corey Singleton, CHP  
Radiation Safety Officer

Jim R  
5/4/15