NRC FORM 7 (11-2012) 10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

(See Instructions on Pages 4 and 5)

APPROVED BY OMB: NO. 3150-0027 EXPIRES: (11/30/2015)

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.

PART A. FOR NRC USE ONLY

☑ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED: 4-21-14

LICENSE NUMBER: PXB 187.00

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 #0089
La Jolla, CA 92093-0089

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)*

☒ EXPORT (Parts B, C, E) ☐ IMPORT (Parts B, D, E) ☐ AMENDMENT/RENEWAL Current License Number: ☐ CONSENT REQUEST (Parts B, C) Current License Number:

3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE	5. LAST SHIPMENT DATE	6. PROPOSED EXPIRATION DATE
	8/2014	8/2014	10/2014

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	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)
Best Theratronics, Ltd 7643 Fullerton Road Springfield, VA 22153 USA		Best Theratronics, Ltd 413 March Road Ottawa, Ontario K2K 0E4 Canada

7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED	8a. INTERMEDIATE USE(S)	9a. ULTIMATE END USE(S)
See Attached	N/A	Disposal

10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)
Cesium 137 sealed source (model number - xxx) in Gammacell 100 or 3000 (serial number - xxx) irradiator SN 1328, MDL 82-Cs-22	xxx TBq or XXX curies 11.50 TBq 310.93 Ci	N/A	N/A

11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

JMS 4-21-14 Rec'd

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LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER	☑ PUBLIC OR ☐ NON-PUBLIC
8XB187.00	11006150		

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)
Cs-137 Blood Irradiator	11.50 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 PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?	☑ YES ☐ NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED?	☐ 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 OFFICIAL	18b. SIGNATURE – AUTHORIZED OFFICIAL	18c. DATE
Corey Singleton, CHP Radiation Safety Officer University of California, San Diego		2/26/2014

KA 4-21-14
JM

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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 #~~****~~ 1328 back to Canada for disposal:

- Hire an approved transport company to ship the new Raycell /Gammacell 1000/3000 Serial # ~~*****~~ 1328 UCSD to (~~add hospital name~~)
- 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.

JNS 4-21-14