

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, NEOF-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 checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 6-23-15
LICENSE NUMBER PXB 20200	DOCKET NUMBER 11006204	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 Duke University Medical Center 2301 Erwin Road Durham, NC 27710	1a. NAME OF APPLICANT'S CONTACT Terry Yoshizumi, PhD	1b. APPLICANT'S REFERENCE NUMBER
	1c. PHONE NUMBER (919) 668-3188	1d. FAX NUMBER (919) 668-2783
	1e. E-MAIL ADDRESS Terry.Yoshizumi@duke.edu	

2. TYPE OF ACTION REQUESTED (Check One)		CONSENT REQUEST (Parts B, C) Current License Number:
<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:

3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE	5. LAST SHIPMENT DATE	6. PROPOSED EXPIRATION DATE
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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
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED See attached	8a. INTERMEDIATE USE(S) N/A	9a. ULTIMATE END USE(S) Disposal
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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 sources (S/N 82CS57, 82CS81) in Gammacell 1000 irradiator (S/N 21)	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 599 Curies	10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)
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**APPLICATION FOR NRC EXPORT OR IMPORT
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LICENSE NUMBER PXB20200	DOCKET NUMBER 11006204	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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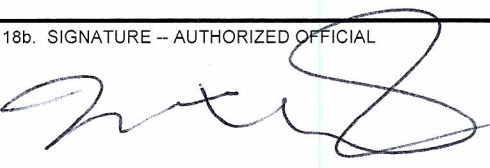
PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS

(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 Terry Yoshizumi, PhD Radiation Safety Officer	18b. SIGNATURE -- AUTHORIZED OFFICIAL  18c. DATE 06-18-2015

*PRC JMW
6-23-15*

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

LICENSE NUMBER YXB20200	DOCKET NUMBER 11006204	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 (S/N 21) back to Canada for disposal:

- Hire an approved transport company to ship the new Gammacell 3000 Elan, Model 1 (S/N XXX) to Duke University Hospital.
- 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 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.

*File 6-2315
JMS*