

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.

**PART A. FOR NRC USE ONLY**
☒ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED

9-2-14

LICENSE NUMBER

PXB193.00

DOCKET NUMBER

11006169

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

Charleston Area Medical Center  
Memorial Hospital Lab  
3200 MacCorkle Avenue, SE  
Charleston, WV 25304

1a. NAME OF APPLICANT'S CONTACT

Kim Lowe, Pharm.D., BCNP, ARSO

1b. APPLICANT'S REFERENCE NUMBER

BT14-0057

1c. PHONE NUMBER

(304) 388-9295

1d. FAX NUMBER

(304) 388-8922

1e. E-MAIL ADDRESS

kim.lowe@camc.org

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)

5222014

4. FIRST SHIPMENT DATE

8/15/2014 estimated

5. LAST SHIPMENT DATE

5/31/2015

6. PROPOSED EXPIRATION DATE

5/31/2015

**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

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)

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  
(model number C-1001, serial number A118)  
in a Gammacell 1000 irradiator (model 252)

10a. MAX TOTAL VOLUME /  
ELEMENT WGT (KG), OR  
TOTAL ACTIVITY (TBq)

406.6 Ci as of 5/22/2014

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)

MS 9-2-14  
KAC

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

LICENSE NUMBER <i>PXB193.00</i>	DOCKET NUMBER <i>11006169</i>	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 Connie Crede Corporate Director, Laboratory Charleston Area Medical Center	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Connie Crede</i>	18c. DATE <i>5/22/14</i>



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**APPLICATION FOR NRC EXPORT OR IMPORT  
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LICENSE NUMBER <u>QXB 193.00</u>	DOCKET NUMBER <u>11006169</u>	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, Ltd will do in removing Gammacell 1000 (model #252 with Cs-137 sealed source model number C-1001, serial number A118) back to Canada for disposal.

-Hire an approved transport company to ship the new Raycell/Gammacell 1000/3000 to Charleston Area Medical Center Memorial 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.

5/22/2014

Deputy Director  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-001

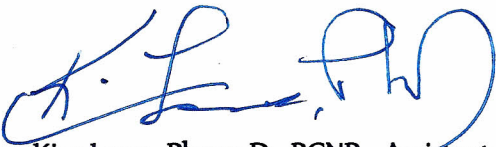
Re: Application for NRC Export

Dear Sirs,

Charleston Area Medical Center has received approval from its Board of Directors to replace its 20 year old blood irradiator, a Gammacell 1000 Model #252. Please find enclosed a completed NRC Form 7.

If there are any questions regarding this amendment please feel free to contact me at the telephone numbers provided below or you may e-mail your questions to me at [kim.lowe@camc.org](mailto:kim.lowe@camc.org).

Sincerely,



Kim Lowe, Pharm.D., BCNP, Assistant RSO  
Charleston Area Medical Center  
3200 MacCorkle Avenue, SE  
Charleston, WV 25304  
(304) 388-9295 office  
(304) 549-0147 mobile



Connie Crede, Corporate Director, Laboratory  
Charleston Area Medical Center  
3200 MacCorkle Avenue, SE  
Charleston, WV 25304  
(304) 388-5507

Jm  
7-27-14