

<b>NRC FORM 7</b> (8-2007) 10 CFR 110		<b>U.S. NUCLEAR REGULATORY COMMISSION</b>		<b>APPROVED BY OMB: NO. 3150-0027</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 Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to <a href="mailto:infocollects@nrc.gov">infocollects@nrc.gov</a>, 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>EXPIRES: 06/30/2009</b>	
<b>APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> <i>(See Instructions on Page 5)</i>							
<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC <b>OR</b> <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED <i>9/08/2008</i>			
LICENSE NUMBER <i>PCB 104.00</i>		DOCKET NUMBER		ADAMS ACCESSION NUMBER			
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS</b> (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  <b>The Cleveland Clinic Foundation</b> <b>Radiation Safety HS1-02</b> <b>9500 Euclid Avenue</b> <b>Cleveland, Ohio 44195</b>		1a. NAME OF APPLICANT'S CONTACT <b>Stuart Kline, RSO</b>  1c. PHONE NUMBER <b>(216) 444-6705</b>  1e. E-MAIL ADDRESS <b>klines@ccf.org</b>		1b. APPLICANT'S REFERENCE NUMBER <b>Bloodbank</b>  1d. FAX NUMBER <b>(216) 444-4849</b>			
2. TYPE OF ACTION REQUESTED (Check One) <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> EXPORT (Parts B, C, E)         </div> <div> <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E)         </div> <div> <input type="checkbox"/> IMPORT (Parts B, D, E)         </div> <div> <input checked="" type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E)         </div> <div> <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____         </div> </div>							
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE <b>12/01/2008</b>		5. LAST SHIPMENT DATE <b>06/30/2009</b>		6. PROPOSED EXPIRATION DATE <b>12/31/2009</b>	
<b>PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS</b> (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)  <b>Best Theratronics</b> <b>413 March Road</b> <b>Ottawa, Ontario</b> <b>K2K 0E4</b> <b>Canada</b>			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S) <b>Return source to vendor</b>			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  <b>Cesium-137 Sealed Source</b> <b>Element, Solid</b> <b>AECL (Best Theratronics) Gammacell 1000 Irradiator</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  <b>15.1 TBq</b> <b>(408.2 Ci)</b>		10b. MAX ENRICHMENT OR WGT %		10c. MAX ISOTOPE WGT (KG)	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							

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LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC <b>OR</b> <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED 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  <b>Best Theratronics</b> <b>412 Marsh Road</b>	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)
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**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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**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  <b>Stuart W. Kline</b> <b>Director, Environmental Health and Safety</b> <b>Radiation Safety Officer</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL  	18c. DATE  <b>09/04/08</b>
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

**C.9A Return source for inspection, disposal, recycle, reuse.**

**C10 Export/return AECL (Best Theratronics) Gammacell 1000 irradiator to vendor.**

**D15 Import/install new Best Theratronics Gammacell 3000 irradiator.**

**The Cleveland Clinic Foundation**

**License # 02110180013**

**Ohio. Medical Broad Scope**

**Expires 07/01/2012**

**Stuart Kline, RSO**



Stuart Kline, CIH, CSP, CHMM, HEM  
Director, EH&S  
Radiation Safety Officer

September 04, 2008

Deputy Director  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

RE: USNRC Import/Export License  
Best Theratronics 137Cs Irradiators

Dear Deputy Director:

The Cleveland Clinic requests an import/export license to **import** a Best Theratronics 137Cs Gammacell 3000 Elan Irradiator and **export** an AECL (Best Theratronics) 137Cs Gammacell 1000 Irradiator.

We would like to receive/ship the irradiators in December 2008 or early 2009.

The license application, application fee, and supplementary information are enclosed.

If you need additional information, I would be glad to provide it.

Sincerely,

Stuart Kline, Director and RSO  
Environmental Health and Safety

Enclosures