


<b>NRC FORM 7</b> (11-2012) 10 CFR 110		<b>U. S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB: NO. 3150-0027</b> 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 <a href="mailto:Infocollects.Resource@nrc.gov">Infocollects.Resource@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.
<b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)</b> <i>(See Instructions on Pages 4 and 5)</i>		<b>EXPIRES: (11/30/2015)</b>	
<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	
LICENSE NUMBER <b>8XB214.00</b>		DOCKET NUMBER <b>11006769</b>	
DATE RECEIVED <b>07/07/17</b>		ADAMS ACCESSION NUMBER	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</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  University of Wisconsin-Madison 30 East Campus Mall Madison, WI 53715  WI License # 25-1323-05		1a. NAME OF APPLICANT'S CONTACT <b>Jason Timm</b>  1c. PHONE NUMBER <b>(608) 445-2539</b>  1e. E-MAIL ADDRESS <b>Jason.Timm@wisc.edu</b>	
1b. APPLICANT'S REFERENCE NUMBER		1d. FAX NUMBER <b>(608) 262-6767</b>	
2. TYPE OF ACTION REQUESTED <i>(Check One)</i> <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: <input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:			
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE <b>07/22/2017</b>	
5. LAST SHIPMENT DATE <b>07/22/2017</b>		6. PROPOSED EXPIRATION DATE <b>11/30/2017</b>	
<b>PART C. TO BE COMPLETED FOR EXPORT 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, LTD. 413 Marsh Road Ottawa, Canada K2K 0E  Samantha Mason, RSO (613) 591-2100</b>		7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED	
8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S) <b>Recycle/Disposal</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>Best Teratronics, Model C-146. Three sealed sources of Co-60, Serial Numbers: S-6046, S-6064, S-6087. Activities: 295.6 TBq, 296.2 TBq, 299.6 TBq.</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) <b>891.4 TBq</b>	
10b. MAX ENRICHMENT OR WGT %		10c. MAX ISOTOPE WGT (KG)	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) <b>Canada, 100%</b>			

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

LICENSE NUMBER <b>PXB214.0</b>	DOCKET NUMBER <b>11006269</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 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 Jonathan Haas Assistant Radiation Safety Officer UW Health	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 07/06/2017
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July 6, 2017

Stephen Baker  
Licensing Officer  
Export Controls and Non-Proliferation Branch  
Office of International Programs  
Nuclear Regulatory Commission  
Washington, DC 20555-0001

Re: Application for Export License

Dear Mr. Baker,

Enclosed, please find the Application for NRC Export or Import License, Amendment, Renewal, or Consent Request(s) (NRC Form 7). The application is for a specific license to export 891.4 TBq of Co-60 to Canada for recycling and disposal. Best Theratronics is the transporter and recipient of the material. Their CNSC License, number NSPFOL-14.01/2019, is attached.

The coordination for the removal of these three cobalt sources has taken months of planning by several groups involved to ensure the safe and secure transfer of them back to the manufacturer, Best Theratronics. Unfortunately, it was only recently brought to our attention yesterday that we would be required to obtain a specific license for export from the NRC prior to source transfer and shipment. Removal and export of these sources is scheduled to start on Friday, July 22 2017, and we appreciate your time and consideration in the issuance of this license in an expedited fashion.

The planning for the removal of these sources has taken the cooperation of many different groups both internally and externally to UW-Madison and UW Health. We have coordinated with the University of Wisconsin Police Department, the City of Shorewood Hills Police Department, the City of Madison Police Department, University of Wisconsin Security, and UW Health Security to ensure the secure and safe transfer of the materials from the UW-Madison License. Coordination between Best Theratronics and ViewRay has been ongoing to plan for the source removal and upgrade to the ViewRay unit. Best Theratronics has also scheduled the use of their transportation and casks to be able to transport the sources on this date, as well as local

**Environment, Health and Safety Department**

a unit of Facilities Planning and Management

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Main Line (608) 265-5000

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riggers to be able to move the shielded casks. The UW Madison Office of Radiation Safety and UW Health Safety and Emergency Management Department have been working with the State of Wisconsin Department of Health Services, Radiation Protection Division, to coordinate the transfer of materials and eventual termination of the license by which the materials are authorized.

Most importantly, UW Health Radiation Oncology, Medical Physics, as well as all of the therapists and doctors that rely on this treatment have adjusted their schedule to accommodate the ViewRay machine being upgraded to a linear accelerator unit. If we do not get the specific export license in time for the July 22<sup>nd</sup> shipment date, we will have to push back the removal of these sources considerably, which will have a direct effect on the quality of care we are able to offer to a significant number of patients at UW Health. Any delay from this date will cause our doctors to have to postpone or cancel cancer treatments for their patients.

In addition to the contact listed on the application, Jason Timm, please feel free to contact me with any questions that you have. My email is [JHaas2@UWHealth.org](mailto:JHaas2@UWHealth.org), and my cell phone is (608) 576-5182. Payment is included via two NRC-Form 629's to cover the \$5,300 application fee. Thank you for your consideration in expediting this license request.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Haas", written over a horizontal line.

Jon Haas  
Assistant Radiation Safety Officer