

NRC FORM 7 (8-2007) 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027 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 infocollects@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.	EXPIRES: 06/30/2009
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Page 5)			

PART A. FOR NRC USE ONLY	PUBLIC OR NON-PUBLIC	DATE RECEIVED
PUBLIC	N/A	
LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS
(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 Merck & Co., Inc. 126 E. Lincoln Ave. RY80HP Rahway, NJ 07065	1a. NAME OF APPLICANT'S CONTACT Vincent Williams	1b. APPLICANT'S REFERENCE NUMBER 01-15-09	1c. PHONE NUMBER (732) 594-1434	1d. FAX NUMBER (732) 594-7896
		1e. E-MAIL ADDRESS vincent_williams@merck.com		

2. TYPE OF ACTION REQUESTED (Check One)

EXPORT (Parts B, C, E)
 NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E)
 IMPORT (Parts B, D, E)
 COMBINED EXPORT/IMPORT (Parts B, C, D, E)
 AMENDMENT/RENEWAL Existing License Number: _____

3. CONTRACT NUMBER(S) 08-118598B	4. FIRST SHIPMENT DATE 04/01/2009	5. LAST SHIPMENT DATE 03/31/2010	6. PROPOSED EXPIRATION DATE 04/01/2010
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PART C. TO BE COMPLETED FOR EXPORT 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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT NA	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) NA	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Best Theratronics Ltd. 413 March Rd. Ottawa, ON- Canada K2K OE4
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED NA	8a. INTERMEDIATE USE(S) NA	9a. ULTIMATE END USE(S) Recycle or 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 (2) Cs-137 Sealed Sources from Gamma Cell 40 (4) Cs-137 Sealed Sources from Gamma Cell 1000	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 119.77 TBq	10b. MAX ENRICHMENT OR WGT % NA	10c. MAX ISOTOPE WGT (KG) NA
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

Rec'd
 01-29-09

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION


**APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <i>EX-118-00</i>	DOCKET NUMBER <i>171A</i>	ADAMS ACCESSION NUMBER	PUBLIC OR NON-PUBLIC <input checked="" type="checkbox"/> PUBLIC <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	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE 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, OR RENEWALS

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input type="checkbox"/> YES <input checked="" 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 Vincent P. Williams Radiation Safety Officer	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 01/15/2009

WMM
 REC'D
 1-29-09

January 15, 2009

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

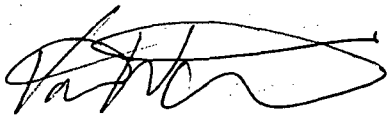
Subject: Application for NRC Export License (NRC Form 7)

Merck & Co., Inc. is seeking an Export License for the disposal two irradiators; Gamma Cell 40, SN 38 and Gamma Cell 1000, SN 1275 . The Gamma Cell 40 irradiator contains two Cs-137 sources that have a total decay corrected activity of 68.72 TBq. The Gamma Cell 1000 contains four Cs-137 sources with a total decayed corrected activity of 51.05 TBq.

The ultimate consignee is Best Theratronics Ltd., Canada, formerly MDS Nordion. As per conversations with Steve Baker, it is my understanding that the NRC has Best Theratronics radioactive material license on file.

I have entered a date of 04/01/2009 as a first shipment date and 3/31/2010 as a last shipment date, with 4/01/2010 being the expiration on the application. These dates will provide a sufficient window for the one time shipment.

Please contact me at 732-594-1434 or vincent_williams@merck.com if you have any questions or require additional information.



Vincent Williams
Radiation Safety Officer

NM
REC'D
01-29-09

Attachments: 1. NRC Form 7
2. NRC Form 629