

<b>NRC FORM 7</b> (8-2010) 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 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.</small>		<b>EXPIRES: 08/31/2012</b>	
<b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> (See Instructions on Pages 4 and 5)							
<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC    OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED <b>FEB 02 2011</b>			
LICENSE NUMBER <b>PXB 146.00</b>		DOCKET NUMBER		ADAMS ACCESSION NUMBER			
<b>PART B. TO BE COMPLETED FOR ALL 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.)							
1. NAME AND ADDRESS OF APPLICANT/LICENSEE  <b>NATIONAL SEMICONDUCTOR</b> <b>5 FODEN ROAD</b> <b>SOUTH PORTLAND, ME 04106</b>		1a. NAME OF APPLICANT'S CONTACT <b>Dale Siulinski</b>		1b. APPLICANT'S REFERENCE NUMBER			
		1c. PHONE NUMBER <b>(207) 541-8028</b>		1d. FAX NUMBER <b>(207) 541-8299</b>			
		1e. E-MAIL ADDRESS <b>dale.siulinski@nsc.com</b>					
2. TYPE OF ACTION REQUESTED (Check One) <div style="display: flex; justify-content: space-around;"> <span><input checked="" type="checkbox"/> EXPORT (Parts B, C, E)</span> <span><input type="checkbox"/> IMPORT (Parts B, D, E)</span> <span><input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____</span> </div>							
3. CONTRACT NUMBER(S) <b>10-C103586-svb</b>		4. FIRST SHIPMENT DATE <b>02/01/2011</b>		5. LAST SHIPMENT DATE <b>01/31/2012</b>		6. PROPOSED EXPIRATION DATE <b>02/01/2012</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)  <b>Best Theratronics</b> <b>413 March Road</b> <b>Ottawa, ON Canada</b> <b>K2K 0E4</b>		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  <b>Nordion</b> <b>447 March Rd.</b> <b>Ottawa, ON, Canada</b> <b>K2K 1X8</b>			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S) <b>prep for shipping</b>		9a. ULTIMATE END USE(S) <b>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>Material: Cobalt-60, sealed source,</b> <b>Make: MDS Nordion Inc,</b> <b>Model: C-198,</b> <b>Serial Number: GS-442,</b> <b>Source ID: 5582,</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  <b>05/22/1998 228.88 TBq</b> <b>01/26/2010 49.02 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, OR RENEWAL (Continued)**


LICENSE NUMBER <b>PXB146.00</b>	DOCKET NUMBER	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, 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
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>Dale Siulinski</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
18c. DATE <b>1/27/11</b>	

Rec'd  
FEB 02 2011  
JC

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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

## Part C, 8a.

1. Service visit required to pack up and prepare Gamma Cell 220 for shipment for disposal. Pricing includes, travel, labour, expenses and rental of F423 container and equipment.
2. Freight charges incurred to send empty F423 container from Kanata, ON, Canada, to customer site in South Portland, ME, will return loaded F423 container from South Portland, ME, to Nordion, 447 March Road, Kanata, ON Canada.

## Part C, 9a.

1. MDS Nordion to dispose of the unit after it has been delivered to their site Nordion 447 March Road, Kanata, ON Canada.

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