

NRC FORM 7
(5-2003)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 05/31/2006

APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT

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 Management Branch (T-6 E6), 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.

(See Instructions on Reverse)

1. APPLICANT'S USE	a. DATE OF APPLICATION March 24, 2006	b. APPLICANT'S REFERENCE	2. NRC USE	a. DOCKET NUMBER	b. LICENSE NUMBER XB20042
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3. APPLICANT'S NAME AND ADDRESS			4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier)		
a. NAME MDS Nordion			a. NAME Tyco Electronics, Inc.		
b. STREET ADDRESS (Facility Site) 447 March Road			b. STREET ADDRESS 304 constitution Drive		
c. CITY Ottawa	d. STATE Ont	e. ZIP CODE K2K 1P7	c. CITY Menlo Park		d. STATE CA
f. TELEPHONE NUMBER: (613) 592-3400	g. FAX (613) 592-2006	h. E-MAIL marcandre.chare	e. ZIP CODE: 94025-1164		
5. FIRST SHIPMENT SCHEDULED	6. FINAL SHIPMENT SCHEDULED	7. APPLICANT'S CONTRACTUAL DELIVERY DATE	8. PROPOSED LICENSE EXPIRATION DATE 07/01/2007	9. CONTRACT NO.	

10. ULTIMATE FOREIGN CONSIGNEE			11. ULTIMATE END USE (Include plant or facility name)		
a. NAME MDS Nordion			MDS Nordion manufacturers sealed sources and devices and will accept the return of the sealed source and/or devices from customers for inspection, disposal, recycling or reuse.		
b. STREET ADDRESS (Facility Site) 447 March Road			11a. DATE REQUIRED		
c. CITY Ottawa	d. COUNTRY Canada		13. INTERMEDIATE END USE		
12. INTERMEDIATE FOREIGN CONSIGNEE			13a. DATE REQUIRED		
a. NAME Not Applicable			15. INTERMEDIATE END USE		
b. STREET ADDRESS (Facility Site)			15a. DATE REQUIRED		
c. CITY	d. COUNTRY				
14. INTERMEDIATE FOREIGN CONSIGNEE					
a. NAME Not Applicable					
b. STREET ADDRESS (Facility Site)					
c. CITY	d. COUNTRY				

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18. COM CODE	17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)	18. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT
	Cobalt 60 Element Solid Metal				

22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary)
Not Applicable

23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)
Please see attached application

24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.

25. AUTHORIZED OFFICIAL	a. SIGNATURE <i>Marc-André Charron</i>	b. TITLE Manager, Regulatory Affairs
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**Application for License to Export Byproduct Material
Tyco Electronics**

Background

MDS Nordion is requesting an export license to allow for the shipment of a Gammabeam 650 serial number 17R irradiator to MDS Nordion, Ottawa, Ontario, Canada for disposal. MDS Nordion is requesting a one year license to allow sufficient time to obtain the required Special Arrangement certificates from both the US Department of Transportation and the Canadian Nuclear Safety Commission.

Applicant's Name and Address

Marc-Andre Charette
MDS Nordion
447 March Road
Ottawa, Ontario
K2K 1X8
Canada
Telephone: (613) 592-3400 ext. 2421
Fax: (613) 592-2006
Email: MarcAndre.Charette@mdsinc.com

Supplier's Name and Address

Export
Export of the Gammabeam 650 serial number 17R from irradiator from Tyco Electronics, 304 Constitution Drive, Menlo Park, California, U.S.A to MDS Nordion, Ottawa, Ontario, Canada. A copy of Tyco license is attached.

Country of Origin for Imports

The Cobalt 60 sealed source was manufactured in Canada

Date of Proposed First and Last Shipments

The proposed first shipment is [REDACTED] with an expiry date of July 1, 2007.

Description of the Material

1. Maximum quantity of material (TBq) and its chemical and physical form.

Cobalt 60

Quantity: Maximum of [REDACTED]

Chemical Form: Element

Physical Form: Solid metal

Exports Copy of MDS Nordion License

Please find a copy of MDS Nordion license is attached.

1. Name of recipient
MDS Nordion
2. Recipient location
447 March Road
Ottawa, Ontario
Canada
3. Relevant radionuclides MDS Nordion is authorized to receive and possess
Cobalt 60
4. Use
MDS Nordion manufactures the sealed source and devices and will accept return sources from customers for inspection, disposal, recycling or reuse.
5. The expiration date of the MDS Nordion license.
October 31, 2015

[REDACTED]



March 24, 2006

Ms. Margaret M. Doane,
Deputy Director
Office of International Programs
Mail Stop: 4E21
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland
20852-2738

RE: Application for a Specific Export License for Byproduct Material

Dear Ms. Doane:

This letter is to request an export license to allow for the shipment of a Gammabeam 650 irradiator, serial number 17R, to MDS Nordion, Ottawa, Ontario, Canada. MDS Nordion is requesting a one year license to allow sufficient time to obtain the required Special Arrangement certificates from both the US Department of Transportation and the Canadian Nuclear Safety Commission. Please find attached an application, a completed NRC Form 7 and a \$2400 cheque for this application.

MDS Nordion is seeking an exemption from 10 CFR 110.53. MDS Nordion is situated in Ottawa, Canada and is a USNRC licensee. MDS Nordion holds two USNRC material licenses, 54-28275-01 and 54-28275-02MD, a USNRC approved quality assurance program number 71-0703, four USNRC Certificate of Compliance and several sealed source and device registrations. MDS Nordion maintains the records concerning these licensees, certificates and registrations at our Ottawa, Canada location. The USNRC Region 1 travels to Canada to audit these records. As the USNRC Region 1, travels to MDS Nordion location in Ottawa, Canada; MDS Nordion maintains that the records associated with the Export license can be kept in Ottawa, Canada and be audited by Region 1 along with the records associated with the material licenses.

If you have any questions or require further information please feel free to contact me by telephone at (613) 592-3400, extension 2421 or by email at mcharette@mds.nordion.com.

Yours sincerely

A handwritten signature in black ink, appearing to read "Marc-André Charette". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Marc-André Charette
International Transport & Nuclear Initiatives
Manager, Regulatory Affairs

Attachment: Application for License to Export Byproduct Material (Tyco Electronics),
NRC Form 7

Copy to: Blair Menna, Rosemary Bellemore, Luc Desgagne, MDS Nordion