

447 March Road
Ottawa, Ontario
Canada K2K 1X8
Tel: 613 592-2790



Science Advancing Health

January 4, 2010

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Mr. Thomas K. Thompson
Nuclear Materials Safety Branch
Division of Nuclear Materials Safety
U.S. NRC, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

03030793

SUBJECT: REQUEST TO AMEND NRC MATERIALS LICENSE NO. 54-28275-02MD FOR MANUFACTURING AND DISTRIBUTION:

Dear Mr. Thompson,

On behalf of MDS Nordion, I would like to request the following amendments to our Materials License 54-28275-02MD. A completed NRC Form 313 is enclosed.

A) Changes requested to the current contents of the license:

i) Please note that shipments to the United States may originate from our site in Ottawa and from our site in British Columbia:

*MDS Nordion, a Division of MDS (CANADA) Inc.
4004 Wesbrook Mall
Vancouver, British Columbia, Canada
V6T 2A3*

ITEM 5 (of NRC Form 313) RADIOACTIVE MATERIAL

ii) Items 9B and 9C in "Authorized use" should be replaced with the following:

B. and C. Pursuant to 10 CFR 32.74, the licensee is authorized to distribute the licensed material described in Items 6.B, 7.B, 6.C and 7.C of this license to persons licensed pursuant to 10 CFR Part 35.1000, or under equivalent licenses of any Agreement State, unless exempted.

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B) I would like to request the following additions to the contents of the license:

<u>Byproduct</u>	<u>Form</u>	<u>Activity</u>
<i>i) Iodine 123</i>	<i>Any</i>	<i>Not Applicable</i>

Authorized Use: Pursuant to 10 CFR 32.72, the licensee is authorized to distribute the licensed material described in Item _____ of this license to persons licensed pursuant to 10 CFR 35.100, 35.200, 35.300, or under equivalent licenses of any Agreement State.

<i>ii) Rubidium 82</i>	<i>Any</i>	<i>Not to exceed 150 mCi per generator</i>
<i>Strontium 82</i>	<i>Any</i>	<i>Not to exceed 150 mCi per generator</i>
<i>Strontium 85</i>	<i>Any</i>	<i>Not to exceed 750 mCi per generator</i>

Authorized Use: The licensee is authorized to distribute the licensed material described in Items _____ of this license to persons licensed pursuant to 10 CFR 35.200 or under equivalent licenses of any Agreement State.

ITEM 6 (of NRC Form 313) PURPOSE(S) FOR WHICH MATERIALS WILL BE USED.

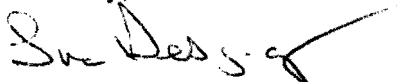
Please refer to the authorized uses describe in section 5.

ITEMS 7 to 11 (of NRC Form 313)

Not applicable.

Thank you for your consideration of this matter. I believe the above will prove satisfactory. However, if further information is required, please feel free to contact me at (613) 592-3400 ext. 2108, by fax. (613) 592-2006 or email at luc.desgagne@mdsinc.com.

Sincerely,



Luc Desgagné
Senior Licensing Coordinator
Transport and Compliance

Enclosure: NRC Form 313

(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. 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 infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

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PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER 54-28275-02MD

C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

MDS Nordion, A Division of MDS (CANADA) Inc.
447 March Rd,
Ottawa, Ontario, Canada K2K 1X8

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

None within the United States.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Luc Desgagne

TELEPHONE NUMBER

(613) 592-2790

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	171.16 3D	AMOUNT ENCLOSED	\$ 0.00
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13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE	SIGNATURE	DATE
<i>Jackie Kavanagh - Manager, Facility + Transportation Licensing + Compliance</i>	<i>J. Kavanagh</i>	<i>2010/01/04</i>

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

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This is to acknowledge the receipt of your letter/application dated

1/4/2010, and to inform you that the initial processing which includes an administrative review has been performed.

AMCND, 54-23275-02MD
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 144361.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.