



April 4, 2003

Ms. Marissa Bailey
Section Chief
Materials Safety and Inspection Branch
Division of Industrial and Medical Nuclear Safety
Office of Nuclear Material Safety and Safeguards
United States Nuclear Regulatory Commission
Mail Stop: T-8F5
Two White Flint North
11545 Rockville Pike
Rockville, MD
20852-2738

Dear Ms. Bailey:

RE: Name Change on Sealed Source Registration NR-169-S-124-U

I am writing, to request an amendment to the Registry of Radioactive Sealed Source and Devices Safety Evaluation of Sealed Source for the C-133 source registration number NR-169-S-124-U. A copy of the registration has been attached. It has recently come to our attention that the name of the manufacturer/distributor listed on the active registration for the C-133 had not been changed. This amendment request is to change the name and address to MDS Nordion as listed below. Please note that the quality assurance and quality control programs will remain the same. The technical staff administrating these programs has not changed. This request is solely a name and address change and does not represent a change in design, labelling or operating procedures. The quality assurance program has not been changed. MDS Nordion has requested a similar name change in a letter to Dr. Jankovich on December 14, 2001.

- 1) Over the years the name of our corporation was changed from Atomic Energy of Canada, Ltd. to Nordion International to MDS Nordion Inc and then on November 1st, 2001, to MDS (Canada) Inc. The most recent name change is the result of a statutory amalgamation. MDS Nordion is now a division of MDS (Canada) Inc. MDS Nordion without the "Inc." will continue to be the name under which MDS (Canada) Inc. carries on business. It is for this reason that we would like to request that our corporate name found on the Registry of Radioactive Sealed Source and

Devices Safety Evaluation of Sealed Source for the C-133 registration NR-169-S-124-U be changed to "MDS Nordion, a Division of MDS (Canada) Inc." This is strictly a name change exercise. The ownership, management and operation of our company remain unchanged and the same. Please refer to the enclosed letter from our Legal Counsel, Re: MDS Nordion Inc. – Notice of Change of Corporation Name.

- 2) Our address has changed from Kanata to Ottawa. The city of Kanata was amalgamated along with a dozen other municipalities into the city of Ottawa on January 1st 2001. The remainder of our address and other co-ordinates remain unchanged. We would appreciate if our address could be changed from the municipality of Kanata to the municipality of Ottawa on the Registry of Radioactive Sealed Source and Devices Safety Evaluation of Sealed Source for the C-133 registration NR-169-S-124-U.

Hence the new name and address for the Distributor and Manufacturer is:

**MDS Nordion,
A division of MDS (Canada) Inc.
447 March Road
Ottawa, Ontario
Canada, K2K 1X8**

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



Marc-André Charette
Regulatory Affairs Senior Associate
MDS Nordion

Enclosed: NR-169-S-124-U

Copy to: Mike Krzaniak, Jeff Ramsay, MDS Nordion

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE

NO.: NR169S124U

DATE: December 01, 1969

PAGE 1 OF 2

SEALED SOURCE TYPE: Irradiator Source

MODEL: C-133

MANUFACTURER/DISTRIBUTOR: Atomic Energy of Canada, Ltd.
Commercial Products
P. O. Box 93
Ottawa, Canada

MANUFACTURER/DISTRIBUTOR:

ISOTOPE: Cobalt-60

MAXIMUM ACTIVITY:

LEAK TEST FREQUENCY:

PRINCIPAL USE: Gamma Irradiator, Category I

CUSTOM SOURCE: ☐ YES ☒ NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
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PAGE 2 OF 2

SEALED SOURCE TYPE: Irradiator Source

DESCRIPTION:

The AECL Model C-133 sealed source is a singly-encapsulated, fusion-welded, (#316L) stainless steel capsule. Originally its length was to vary from 9/16" to 36" and diameter to vary from 0.18" to 1.223". Its wall thickness is 0.025". The physical dimensions of the capsule have been subsequently modified to include a diameter of up to 1.254" and a length only up to 18" (longer maximum lengths require special agreement with AECL). This source may contain jacketed slugs, unjacketed slugs, and nickel plated pellets. This capsule may be used in other AECL capsules. It is tested for contamination by two wipe tests (dry) taken seven days apart (0.005 microcurie).

ISSUING AGENCY:

U.S. Atomic Energy Commission