



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

JUL 06 1993

Mr. Joe Stirling  
Senior Licensing Coordinator  
Nordion International Inc.  
447 March Road  
Kanata, Ontario, Canada K2K 1X8

Dear Mr. Stirling:

Based on the information and test data submitted in your application dated November 19, 1991, and subsequent letters, with enclosures thereto, we have transferred several registration certificates to "inactive" status and combined several other registration certificates as shown in Enclosure (1). These sources and devices are acceptable for licensing purposes in accordance with the conditions of the enclosed registration certificates. Please note, all registration certificates for Atomic Energy of Canada Limited have been assigned a vendor number of "8003". Vendor number "0169" is no longer an active vendor number.

Please be advised that you must manufacture and distribute the "active" products in accordance with the statements and representations contained in your application, with enclosures thereto, and the information set out in your registration certificates. As a general rule, you must request and obtain an amendment to each certificate before you make changes or modifications to the information submitted to obtain the certificate.

Please read over the registration certificates in their entirety and notify us immediately of any errors or omissions. You are obligated to notify us promptly in writing should you decide to no longer manufacture or offer service support for the products.

The registration certificates for the Models C-132, C-133, and C-265 have not been updated. The following additional information is required in order to continue with this action:

- a) Please provide external radiation levels at 5 cm, 30 cm, and 100 cm from the surface of the C-265 source capsule when loaded with maximum activity.
- b) Please provide prototype testing for the C-132 source assembly. You have stated that the C-132 source capsule is equivalent to the C-133 source capsule. However, we do not have current prototype testing information for the C-132 and C-133 source capsules.

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Additionally, in order to update our files, please provide the additional information requested in my letter dated June 3, 1993.

I look forward to receiving the requested information as soon as possible. If you have any questions, please contact me at (301) 504-2503 or Mr. John Lubinski at (301) 504-2689.

Sincerely,

*DS/*  
Douglas A. Broaddus, Mechanical Engineer  
Sealed Source Safety Section  
Source Containment and  
Devices Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS

Enclosure: As stated  
cc: SKimberley, LFDCB (w/encl.)

Distribution:

Registration files noted in Enclosure (2)      SSSS Staff  
NMSS r/f                      SCDB r/f                      SSSS r/f                      IMNS Central Files  
FBrown

OFC:	SCDB						
NAME:	DBroaddus						
DATE:	07/01/93						

OFFICIAL RECORD COPY  
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Enclosure (1)

The following certificates for AECL have been transferred to "inactive" status.

Old Certificate #	New Certificate #	Model Numbers
NR-0169-D-118-U	NR-8003-S-801-S	GAMMACELL 100
NR-0169-D-121-U	NR-8003-S-802-S	GAMMACELL 100
NR-0169-S-113-U	NR-8003-S-803-S	C-110
NR-0169-S-122-U	NR-8003-S-804-S	AC-110
NR-0169-S-123-U	NR-8003-S-805-S	AC-231
NR-0169-D-134-U	NR-8003-S-806-S	GAMMABEAM 100A,B,C
NR-0169-S-115-U	NR-8003-S-807-S	C-166
NR-0169-S-116-U	NR-8003-S-808-S	C-167
NR-0169-S-125-U	NR-8003-S-809-S	C-170
NR-0169-S-126-U	NR-8003-S-810-S	C-171
NR-0169-S-101-U	NR-8003-S-811-S	C-175
NR-0169-S-130-S	NR-8003-S-813-S	C-182
NR-0169-S-150-U	NR-8003-S-814-S	C-185
NR-0169-S-128-U	NR-8003-S-815-S	C-199
NR-0169-S-129-U	NR-8003-S-816-S	C-200
NR-0169-S-156-S	NR-8003-S-817-S	C-1225/C-236
NR-0169-S-137-U	NR-8003-S-818-S	C-230
NR-0169-S-133-U	NR-8003-S-819-S	C-277, C-278
NR-0169-S-127-U	NR-8003-S-820-S	C-177
NR-0169-S-159-U	NR-8003-S-821-S	4493-97
NR-0169-S-135-S	NR-8003-S-822-S	C-281
NR-0169-S-136-U	NR-8003-S-823-S	C-283
NR-0169-S-138-S	NR-8003-S-824-S	C-285
NR-0169-S-139-S	NR-8003-S-825-S	C-295
NR-0169-S-102-U	NR-8003-S-826-S	XC-216
NR-0169-S-131-S	NR-8003-S-827-S	XC-257
NR-0169-S-145-S	NR-8003-S-828-S	XC-326
NR-0169-S-143-S	NR-8003-S-829-S	XC-298, XC-305
NR-0169-S-105-S	NR-8003-S-830-S	C-161

Enclosure (1)

The following certificates have been transferred from AECL to Nordion.

Old Certificate #'s	New Certificate #	Model Numbers
NR-0169-S-142-S and NR-0169-S-144-U	NR-0220-S-103-S	C-188, C-306
NR-0169-S-157-S	NR-0220-S-104-S	C-324/C-236
NR-0169-D-117-S and NR-0169-S-114-U	NR-0220-D-105-S	GAMMABEAM 150 Series, C-174
NR-0169-S-158-U	NR-0220-S-106-S	C-265
NR-0169-D-119-U and NR-0169-S-151-S	NR-0220-D-107-S	GAMMACELL 220, C-198
NR-0169-S-162-S	NR-0220-D-108-S	C-349
NR-0169-S-161-S	NR-0220-S-801-S	C-235/C-236