



January 25, 2010

Docket No. 03030793
Control No. 144361

License No. 54-28275-02MD

Marc-André Charette
Manager of Regulatory Affairs
MDS Nordion Inc., A Division of MDS (Canada) Inc.
447 March Road
Ottawa, ON K2K 1X8
Canada

SUBJECT: MDS NORDION INC., A DIVISION OF MDS (CANADA) INC., LICENSE
AMENDMENT, CONTROL NO. 144361

Dear Mr. Charette:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please note that I-123 was authorized for distribution pursuant to 10 CFR 35.100 and 35.200 but not 35.300 as was discussed in a telephone call with Luc Desgagné of your staff on January 21, 2010.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

M. Charette

2

Thank you for your cooperation.

Sincerely,

Original signed by Thomas K. Thompson

Thomas K. Thompson
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 8

cc:
Richard Decaire, Radiation Safety Officer

DOCUMENT NAME: G:\WordDocs\Current\Lic Cvr Letter\L54-28275-02.144361.doc

SUNSI Review Complete: TThompson

After declaring this document "An Official Agency Record" it will be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI	DNMS/RI		
NAME	TThompson/TKT					
DATE	1/25/2010					

OFFICIAL RECORD COPY