



December 18, 2003

Ms. Jessica M. Umana
Physical Scientist
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
Mail Stop: 13 D13
United States Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, MD
20852-2738

RE: Certificate of Compliance No. 9290 for the Model No. F-430/GC-40, Request for Additional Information

Dear Ms. Umana:

This letter is in response to the U.S. Nuclear Regulatory Commission's (NRC) Request for Additional Information (RAI) dated December 4, 2003.

The Safety Analysis Report for the F430/GC-40 Transport Package, MDS Nordion Report number IN/TR 1608 F430 has been revised. Together with the Response to the Request for Additional Information attached to this letter, the Safety Analysis Report (SAR) revision 2d provides a complete response to the RAI.

Attached are one proprietary copy of the revised sections of IN/TR 1608 F430 and one non-proprietary copy for the Public Document Room. In addition, I have attached an affidavit to support MDS Nordion's request to withhold parts of the sections listed below from the Safety analysis report IN/TR 1608 F430 (2d) from public disclosure.

The following sections have been updated to revision 2d and are enclosed.

- Page 1 (Cover Page)
- Chapter 1, pages 12, 15
- Chapter 2, pages 19, 20 and 22
- Appendix 1.3.2 (Information Drawings)
- Appendix 2.10.3, pages 4 and 10
- Chapter 7, pages 94 and 98

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, reading "Marc-André Charette". The signature is fluid and cursive, with a prominent flourish at the end.

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

Attached: IN/TR 1608 F-430 (2D), Affidavit


Copy to: Mike Krzaniak, Blair Menna, MDS Nordion

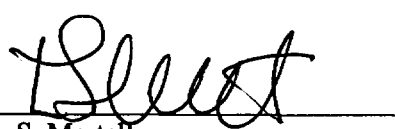
AFFIDAVIT

I, E. S. Martell, in my capacity as Vice President, Quality & Regulatory Affairs, having been duly authorized to apply for withholding from disclosure of proprietary information by and on behalf of MDS Nordion, a division of MDS (Canada) Inc., ("MDS Nordion"), do depose and say:

1. I, E.S. Martell, am the Vice President, Quality & Regulatory Affairs, of MDS Nordion.
2. The information contained in the MDS Nordion's document No. IN/TR 1608 F430 (2d), "Safety Analysis Report for F430/GC-40 Transport Package," is the property of MDS Nordion. This document contains proprietary information related to the design of the F-430 transport package.
3. MDS Nordion, has expended extensive funds and manpower in developing the aforementioned document and any release for disclosure of such information to third parties would enable and assist third parties to use the information to fabricate and register a similar transport package without incurring any development costs. This could compromise MDS Nordion's, ability to compete in the marketplace. Therefore, MDS Nordion, submits that the following parts of the MDS Nordion document No. IN/TR 1608 F430 (2d), "Safety Analysis Report for F430/GC-40 Transport Package," should be withheld from public disclosure.
 - Figures 1.3
 - Appendix 1.3.2 (entirely)
 - Sections 2.1.2, 2.3, 2.4.1, 2.4.2 and 7.3
 - Tables 2.1
 - Appendix 2.10.3 (sections 3.2 and 5)
4. The information has been held in confidence by MDS Nordion, and any disclosure thereof for developmental purposes, has been accompanied by a confidentiality agreement protecting the trade secrets contained herein.
5. The information has been transmitted to and received by the Nuclear Regulatory Commission in the United States in confidence.
6. This information is not available in public sources.
7. The information contained in this affidavit is to the best of my knowledge true and correct.

Sworn before me this 19th day of December, 2003 in the City of Ottawa, Ontario, Canada.


Renato Pontello
Notary Public in and
for the Province of Ontario, Canada

per: 
E. S. Martell
V.P., Quality and Regulatory Affairs
MDS Nordion, a division of MDS (Canada) Inc.

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

MDS NORDION F-430/GC40 TRANSPORTATION PACKAGE DOCKET NO. 71-9290

CHAPTER 2: STRUCTURAL EVALUATION

- 2.1 The language in Section 7.4.1 has been changed so that chocks are required whenever the tie-down system is used.
- 2.2 The specifications for the fasteners used on the F-430 have been revised. The new specifications are ASTM A193, ASTM A194, ASTM A325, ASTM A490 and ASTM A563. The Safety Analysis Report and the Information Drawing have been updated accordingly.
- 2.3 In order to ensure that the nil ductility temperature for the tie-down collar bolts is less than -20F, the material has been changed to autenitic stainless steel. The new specifications for the bolts and nuts are ASTM A193, grade B8, class 2 and ASTM A194, Grade 8, class 2 respectively.