

Michelle DeBose

From: Marc.CHARETTE@mdsinc.com
Sent: Monday, November 26, 2007 4:15 PM
To: rick.boyle@dot.gov; fred.ferate@dot.gov
Cc: Luc.Desgagne@mdsinc.com; Scott.MCGHEE@mdsinc.com
Subject: Recommendation 5a for the Certificate USA/0697/B(U)-96 for the F-458 Transport Package
Attachments: appendix 10-4 Handle Tie-down test v2.doc

Dear Mr. Boyle,

As discussed during our March 7, 2007, meeting, please find attached the Appendix 10.4 which will be added to the Safety Analysis Report for the F-458, IS/TR 1791 F458. Appendix 10.4 contains the results of the physical testing that MDS Nordion performed on the F-458 package to demonstrate compliance with the 10-5-2g tie-down requirement per Table V.2 of the IAEA Safety Guide TS-G-1.1 (ST-2), "Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material." The test result show that the F-458 packages passes with an applied load of more than 30% greater than the required load for 10-5-2. MDS Nordion believe that this demonstrates that the F-458 handles can withstand the tiedown requirements.

Please contact me by telephone (613) 592-3400 ext. 2421 or by email if you have any questions.

Sincerely,
Marc-Andre