

October 4, 2010

Ms. Lori Podolak
Senior Regulatory Affairs Specialist
Regulatory Affairs Department
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR REVIEW OF THE
MODEL NO. 702 PACKAGE

Dear Ms. Podolak:

By letter dated August 16, 2010, QSA Global, Inc. (QSA) submitted an amendment request for the Model No. 702 package, under the auspices of NUREG-1886, "Joint Canada-United States Guide for Approval of Type B(U) and Fissile Material Transportation Packages."

In connection with the staff's review, we need the information identified in the enclosure to this letter. We request that you provide this information by November 15, 2010. Please inform us at your earliest convenience, but no later than October 15, 2010, if you are not able to provide the information by that date. To assist us in re-scheduling your review, you should include a new proposed submittal date and the reasons for the delay. Discussion of the RAls and RAI response date occurred on October 4, 2010.

Please reference Docket No. 71-6613 and TAC No. L24468 in future correspondence related to this request. The staff is available to meet to discuss your proposed responses. If you have any questions regarding this matter, I may be contacted at (301) 492-3408.

Sincerely,

/RA/

Pierre Saverot, Project Manager
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-6613
TAC No. L24468

Enclosure: Request for Additional Information

Ms. Lori Podolak
Senior Regulatory Affairs Specialist
Regulatory Affairs Department
QSA Global, Inc.
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Burlington, MA 01803

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Request for Additional Information
QSA Global, Inc.
Docket No. 71-6613
Certificate of Compliance No. 6613
Model No. 702

By letter dated August 16, 2010, QSA Global, Inc. (QSA) submitted an amendment request for the Model No. 702 package with a consolidated Safety Analysis Report.

This request for additional information (RAI) identifies information needed by the U.S. Nuclear Regulatory Commission staff in connection with its review of the Model No. 702 package to determine whether the applicant has demonstrated compliance with 10 CFR Part 71. NUREG-1609, "Standard Review Plan for Transportation Packages for Radioactive Material," and NUREG-1886, "Joint Canada – United States Guide for Approval of Type B(U) and Fissile Material Transportation Packages," were used by the staff in its review of the application.

- 1- Restrict the use of optional metallic canisters or inserts, as mentioned in Section No. 1.2.2, Rev. No. 9. of the application, for holding the special form source to any non-pyrophoric metal with a melting temperature above 800°C in the proposed Certificate of Compliance.

The melting or ignition of the metallic canister used to hold the special form source could result in damage to the special form source capsule, leading to an unanalyzed condition or release of radionuclides.

This information is needed to determine compliance with 10 CFR 71.43(d) and 71.73(c)(4).

- 2- Justify or correct the industrial code for carbon steel tubing on sheet 1 of licensing Drawing No. R70290, Rev. U.

UNS K02705 is related to ASTM A500 Grade C steel, not carbon steel meeting the ASTM A513 specification.

This information is needed to determine compliance with 10 CFR 71.33(a)(5)(iii).