



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

September 13, 2018

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

SUBJECT: APPLICATION FOR THE MODEL NO. 976 SERIES TRANSPORTATION
PACKAGES – REQUEST FOR ADDITIONAL INFORMATION

Dear Ms. Podolak:

By application dated March 26, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18089A096), QSA Global submitted an application for Amendment 9 to Certificate of Compliance No. 9314 for the Model 976 Series package. In connection with the U.S. Nuclear Regulatory Commission staff review, we need the information identified in the enclosure to this letter. Additional information requested by this letter should be submitted in the form of revised pages. Please provide your response within 2 months from the date of this letter.

Please reference Docket No. 71-9314 and Enterprise Project Identifier No. L-2018-LLA-0113 in future correspondence related to this request. The staff is available to meet to discuss your proposed responses. If you have any questions, I may be contacted at (301) 415-5196.

Sincerely,

/RA/

Nishka Devaser, Project Manager
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9314
EPID No. L-2018-LLA-0113

Enclosure:
Request for Additional Information

APPLICATION FOR THE MODEL NO. 976 SERIES TRANSPORTATION PACKAGES –
REQUEST FOR ADDITIONAL INFORMATION: September 13, 2018

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ADAMS Package No.: ML18261A098

*via e-mail

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DATE	08/01/18	08/01/18	08/01/18	08/08/18	09/13/18

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Request for Additional Information
QSA Global, Inc.
Docket No. 71-9314
Certificate of Compliance No. 9314
Model 976 Series Transportation Package

By application dated March 26, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18089A096), QSA Global submitted an application for Amendment 9 to Certificate of Compliance No. 9314 for the Model 976 Series package. This request for additional information identifies information needed by the U.S. Nuclear Regulatory Commission staff (the staff) in connection with its review of the application. The staff used guidance provided in NUREG-1617, "Standard Review Plan for Transportation Packages for Spent Nuclear Fuel," in its review of the application.

The question describes information needed by the staff for it to complete its review of the application and to determine whether the applicant has demonstrated compliance with regulatory requirements.

Materials Evaluation

1. Justify the exclusion of weld size and location for the lug-ring weldments of the closure band detailed in Drawing No. RCLM011, Revision A. Otherwise, revise the drawing to include these specifications.

Drawing No. RCLM011, Revision A, states that each lug is fillet welded to the drum closure band (clamp) on at least three (3) sides. However, no weld size and relative location requirements are defined. Since the applicant concluded that a package configuration without a clamp may not meet the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 71 (per the results of Test Plan 214), the structural performance of the clamp is necessary to ensure safe transport. Welding specifications are necessary to ensure adequate structural performance of the closure band, unless otherwise justified.

The information is needed to ensure compliance with 10 CFR 71.33(a)(5)(iii).