



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

August 3, 2015

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

SUBJECT: REVISION NO. 9 OF CERTIFICATE OF COMPLIANCE NO. 9269 FOR THE
MODEL NO. 650L SERIES OF TRANSPORTATION PACKAGES

Dear Ms. Podolak:

As requested by your application dated May 8, 2015, as supplemented July 8, 2015, enclosed is Certificate of Compliance (CoC) No. 9269, Revision No. 9, for the Model No. 650L transportation package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's safety evaluation report is also enclosed.

Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471. This approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471.

If you have any questions regarding this certificate, you may contact me or Huda Akhavannik of my staff at 301-415-5253.

Sincerely,

/RA/

Mark Lombard, Director
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9269
TAC No. L25019

Enclosures: 1. CoC No. 9269, Rev. No. 9
2. Safety Evaluation Report
3. Registered Users

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document is uncontrolled

cc w/encls. 1 & 2: R. Boyle, Department of Transportation
J. Shuler, Department of Energy, c/o L. F. Gelder
Registered Users



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**SAFETY EVALUATION REPORT
Docket No. 71-9269
Model No. 650L
Certificate of Compliance No. 9269
Revision No. 9**

SUMMARY

By application dated May 8, 2015, as supplemented July 8, 2015, QSA Global, Inc. (QSA), requested amendment to Certificate of Compliance (CoC) No. 9269, for the Model No. 650L transportation package. QSA requested revising the CoC to include the ability to use a new version of the drawings. The components of the drawings changed are weld call outs, the bottom plate, the outer sleeve, the inner shell, and the lock screws. Staff reviewed these changes and concludes that they do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

EVALUATION

By application dated May 8, 2015, as supplemented July 8, 2015, QSA requested amendment to CoC No. 9269, for the Model No. 650L transportation package. QSA requested revising the CoC to include the ability to use a new version of the drawings. The drawings have been updated to specify the welding standard for the bottom plate and outer sleeve components. These components will be done in accordance with AWS D17.2/D17.2M Resistance Welding for Aerospace Applications. QSA updated their drawings to include a note which discusses the exceptions to this welding standard used for the package. The note clarifies the applicable sections and exceptions to the standard for resistance welds. Resistance welding for this package only applies to Class C welds whose failure will not impact the ability of the package to meet the regulations. The weld callout for the outer sleeve has been removed and instead a reference to the note has been added. As part of adding this standard, the notation for the weld nut spot weld has been clarified as a resistance weld to avoid any confusion of the applicability of AWS D17.2/D17.2M for those welds. The outer sleeve weldment has also been updated to include an alternate construction which is equivalent or stronger than the primary construction.

Additionally, QSA removed a redundant material reference for the inner shell. QSA also added alternate material specifications for the lock screw applicable to screws installed after July 2015. This allows for lock screws that meet the properties of ASTM F879 Austenitic Alloy Group 1, CW, or CW1.

Staff reviewed these changes and concludes that they do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

CONDITIONS

Condition No. 5.(a)(3), "Drawings," has been updated to include the latest revision of the drawings, Revision N.

The references section has been updated to include this request.

CONCLUSION

Based on the statements contained in the application, and the conditions listed above, the staff concludes that the changes indicated do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9269, Revision No. 9,
on August 3, 2015.

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