

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-6613
Package Model No.: Model No. 702
Report Submitted By: Lori Podolak, QSA Global, Inc.
Report Date: July 2, 2014
Report ADAMS Accession No.: ML14198A601

Review the incoming report to determine if additional Commission or staff action is warranted. The review should consider whether the report identifies a generic defect or problem with the package design and the safety significance of the issue. Note that a high safety significance represents a potential for significant radiation exposure, medium safety significance represents a potential for some moderate radiation exposure, and low safety significance represents little or no potential for radiation exposure.

1. The report identifies:

- ☐ Significant reduction in the effectiveness of a package during use;
- ☐ Defect with a safety significance;
- ☒ Shipment in which conditions of the approval were not observed.

2. What is the safety significance? ☐ High ☐ Medium ☒ Low

3. Summary of the report:

This report is regarding shipments made using the Model No. 702 transportation package which used carbon steel cage components that did not meet the applicable ASTM material requirements. These material requirements were specified in the licensing drawings referenced in Condition No. 5(a)(3), "Drawings" of the certificate of compliance. This drawing specified that the ASTM material requirements for carbon steel tube, square and round components, to be ASM A513-08a, Type 1b or 2. However, the components in use on the package met ASTM A513-08a, AWHR which is equivalent to Type 1a under the standard. These materials have similar corrosion resistance and it is expected that the material response to corrosion will be similar. Additionally, Type 1a, 1b, or 2 are structurally equivalent.

4. Corrective actions taken by the licensee:

- QSA submitted an amendment to add the Type 1a material which was approved under Rev. 17 of the CoC.

5. Staff comments:

The staff has reviewed the certificate holder's report, and its evaluation of the incident, and it agrees that the safety significance of the event is minor. The staff finds that the certificate holder's corrective actions should be sufficient to prevent future occurrences.

QSA Global, Inc. is certificate holder of the package. The regulations specify in 10 CFR Part 71.95(a) that the licensee, after requesting the certificate holder's input, shall submit the written report. In this case, the licensees did not submit written reports, and the CoC holder has submitted the report. The CoC holder is aware that the licensees should be contacted about submitting the reports.

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6. Staff conclusion:

- ☒ The report does NOT identify generic design or license/certificate issues that warrant additional Commission or staff action. This report is considered closed.
- ☐ There is a need to take additional action. Provide a summary of the bases and recommended actions:

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R. Powell, RI S. Walker, II M. Kunowski, III J. Whitten, IV
R. Boyle and M. Conroy, Department of Transportation
R. Sun and A. McIntosh, Project Manager

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