

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9269

Package Model No.: 650L

Report Submitter, Date,

ADAMS Accession No.: Michael Delgado, International Inspection, Inc., 12/30/14, ML15026A030; Daniel Bruce, Applied Inspection Systems, Inc., 12/30/14, ML15026A032; Keith J. Griffin II, Nondestructive and Visual Ins., LLC, 12/30/14, ML15026A033; Clifford Cox, Big State X-Ray, Inc., 12/30/14, ML15026A034; Jeff Spearman, TechCorr USA, LLC, 12/30/14, ML15026A035; Kenneth D. Bearden, Texas QA Services, Inc., 12/30/14, ML15026A036; Scott Cargill, ApplusRTD USA/ Valley Industrial X-Ray Services, Inc., 12/30/14, ML15033A456; Francis S. Adams, Quad City Testing Lab, Inc., 12/30/14, ML15033A457; Gary Winkler, Applied Technical Services, Inc., 12/31/14, ML15026A029; Donald Millar, Alaska Industrial X-ray, 12/31/14, ML15026A037; Leslie Paul Mullins, CBI El Dorado, 12/31/14, ML15012A564; Steven Hyde, Mistras Group, Inc. lab 588, 12/31/14, ML15026A141; Cindy D. Follansbee, Marco Inspection Services, 12/31/14, ML15026A038; John M. Jeansonne, Cameron Valves and Measurement, 12/31/14, ML15026A039; Bruce M. Richardson, ABC Testing Incorporated, 12/31/14, ML15026A040; Melvin Fravel, Concrete Imaging, Inc., 12/31/14, ML15026A143; Rick Gerads, Element Materials Technology, 12/31/14, ML15026A041; Nathan Cox, IRISNDT, 12/31/14, ML15008A029; Shawn D. Miller, Three Rivers Gamma Services, 12/31/14, ML15026A042; Robert W. Kratzer, Valley Inspection Service, Inc., 12/31/14, ML15026A135; Don B. Shumway Jr., Prime NDT Services, Inc., 12/31/14, ML15026A138; Allan R. Thomassy, RNDT, Inc., 12/31/14, ML15026A139; Gregory C. Owens, American Engineering Testing, Inc., 12/31/14, ML15026A137; Christina F. Rangel, Oregon Washington Laboratories, LLC, 12/31/14, ML15026A140; Patrick Boyle, Eagle X-Ray, 1/2/15, ML15026A142; Charles J. Shepherd, American Airlines, 1/2/15, ML15026A190; David C. Wiggins, Challenge Engineering & Testing, Inc., 1/2/15, ML15026A191; Chris Lemonds, Qualspec, 1/5/15, ML15026A193; Paul Demczak, Hi-Tech Testing, 1/5/15, ML15026A194; Anthony J. Babin, Ohmstede, Ltd., 1/5/15, ML15026A212; Steve Campbell, Advanced Corrosion Technologies and Training, LLC, 1/5/15, ML15026A213; Samuel J. Crocker, NDE Solutions, LLC, 1/5/15, ML15026A214; Judy Case, Testing Technologies, Inc., 1/5/15, ML15026A215; Kenny Coates, H&H X-Ray Services, Inc., 1/5/15, ML15026A216; Richard Gerhard Jr., MISTRAS Group, Inc., 1/5/15, ML15026A192; J. Chris Poynter, Stupp Bridge Company, 1/5/15, ML15026A228; Michael Sullivan, Olsson Associates, 1/5/15, ML15033A460; Dave Vallente, QualSpec, LLC, 1/5/15, ML15033A467; Nick Darnell, Thermal Engineering International, 1/5/15, ML15026A229; Larry Maxon, Hi-Tech Testing Service, Inc., 1/5/15, ML15026A230; Arlene Grooms, TUV Rheinland Industrial Solutions, Inc., 1/5/15, ML15033A458; Lester Sralla, Hudson Products Corporation, 1/5/15, ML15033A459; Bo Hale, Braun Intertec Corporation, 1/5/15, ML15069A269; Connie F. Boyette, AMEC Environmental & Infrastructure, Inc., 1/5/15, ML15069A263; Gabe Hollier, National Inspection Services, LLC, 1/6/15, ML15069A265; Russell Bliss, Black Eagle Consulting, Inc., 1/6/15, ML15069A264; James W. Rowe, Baker Testing Services, Inc., 1/6/15, ML15026A231; Greg Schick, Testmasters, Inc., 1/6/15, ML15026A232; Lance Hutto, Applied Standards Inspection, 1/6/15, ML15026A233; Gregory S. Prebish, Diamond Technical Services, 1/6/15, ML15026A234; Alan L. Spain, Sauder Custom Fabrication, Inc., 1/6/15, ML15033A468; Donald Adkins, Furmanite America, Inc., 1/7/15, ML15026A235; Monte Wion, Hi-Tech Testing, Inc., 1/7/15, ML15033A473; Doug Vanderwerf, Twin Ports Testing, Inc., 1/7/15, ML15033A474; Kurt Krueger, Mississippi Tank Company, 1/8/15, ML15033A472; Ruben Rojas, Southern Services, Inc., 1/8/15, ML15069A266; Chris Dugan, TUV Rheinland Industrial Solutions, 1/9/15, ML15069A267; Jennifer S. Fabie, MQC Labs, Inc., 1/9/15, ML15069A268; David Mingus, Scott Process Systems, Inc., 1/12/15, ML15069A270; Chris Dixon, Acuren Inspection, Inc., 1/13/15, ML15069A271; Lori Podolak, QSA Global, Inc., 1/13/15, ML15022A039; Stephen L. Fay, Quad City Testing Laboratory, 1/13/15, ML15033A475; D.W. Fletcher, Department of the Navy, 1/14/15, ML15028A040; Joey Baudanza, Applus RTD USA, Inc., 1/16/15, ML15069A272; Kirk W. Gros, GE Inspection Services, Inc., 1/27/15, ML15069A273; Stan Truselo, Bradken Atlas, 1/29/15, ML15069A274

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 an 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:

On December 8, 2014, QSA Global, Inc. (QSA), identified discrepancies between their production and licensing drawings (ML14346A615). These discrepancies were a result of a procedure change made in September 2008 where reviewing the licensing drawings against the production drawings was made obsolete. From 2009 to 2010, several drawing changes were made to the Model No. 650L to add greater details to material and welding specifications. In the case of the 650L drawing revisions, staff involved in the review and approval of the drawing changes implemented at Rev. J of Drawing No. R65006, failed to adequately review production drawing requirements against the new material limitations placed on the descriptive assembly drawings. This oversight caused most of the discrepancies identified in the December 8, 2014, document. Specifically, these material discrepancies were on the titanium sleeves located on the shield assembly, the stainless steel used on the top and bottom plate flanges, the stainless steel used on the through bolts, the outer sleeve painting and plating, and the stainless steel used on the lock assembly attachment screws.

The drawings are incorporated in the certificate of compliance (CoC) as Condition No. 5.(a)(3), "Drawings." Therefore, the conditions of the certificate were not met in their entirety.

There were no major occurrences during transportation. All other conditions of the certificate were met, and there was no loss or dispersal of radioactive material as a result of this event.

4. Corrective actions taken by the licensee:

- Reactivate and update procedures which required the processing and review of the drawings.
- Train affected staff to ensure awareness to prevent reoccurrence.
- The NRC staff issued an amendment on December 9, 2014 (ML14344A299), to a previously approved revision of the drawings which would ensure that the current units are in compliance.
- QSA Global, Inc., submitted an amendment on January 13, 2015, with the latest versions of the drawings. Staff approved this amendment on April 10, 2015 (ML15103A578).

5. Staff comments:

Multiple reports from various licensees in reference to many shipments due to the issue being dependent on the CoC holder. No safety significance is ascribed to the non-conformances.

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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ADAMS Accession No.: ML15117A591

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