

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9315
Package Model No.: ES-3100
Report Submitted By: Mark P. Elliott, Nuclear Fuel Services, Inc.
Report Date: January 31, 2013
Report ADAMS Accession No.: ML13037A325

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:

On December 10, 2012, B&W Y-12 shipped 35 ES-3100 packages to NFS. After receipt at NFS, on December 11, 2012, a verbal notification was sent to Y-12 that on 1 of the 35 ES-3100 containers all 8 of the drum lid nuts were found to be torqued "finger-tight," not to the specified 30 ± 5 ft-lb of torque.

4. Corrective actions taken by the licensee:

Y-12 placed a production hold on loaded shipments of ES-3100 packages until torquing on drum lid nuts is verified. Personnel involved in packing operations were briefed on the issue. Changes to the packing procedure and ES-3100 packing form are being reviewed for improvements to ensure drum nuts are properly torqued.

5. Staff comments:

As there were no accidents during the shipment, the safety significance of this event is considered low. The package integrity was not compromised, and there was no exposure of radiation to individuals.

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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