

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9309
Package Model No.: RAJ-II
Report Submitted By: Scott P. Murray, Global Nuclear Fuel - Americas
Report Date: June 3, 2013

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 April 4, 2013, during a review of returned RAJ-II transportation packages, Global Nuclear Fuel – Americas (GNF-A) discovered that 33 packages had improper orientation of the outer container honeycomb shock absorber material. The shock absorbers are strategically positioned in the outer container to reduce shock in the event of a drop of the package and their positioning is specified in Drawing No. 105E3741 located in the certificate of compliance. GNF-A discovered that the refurbishment procedures associated with the orientation of the absorbers were not adequate and were reliant upon personnel training.

As there were no accidents during any of the shipments, the safety significance of this event is considered low. All other CoC requirements were met, the package integrity was not compromised, and there was no exposure of radiation to individuals as a result of this event.

4. Corrective actions taken by the licensee:

- This issue has been reviewed with the refurbishing personnel along with the importance of adhering to package construction requirements. (Completed on April 8, 2013)
- The internal RAJ-II refurbishment procedure has been revised to add clarity for proper orientation of the honeycomb absorber. (Completed on April 10, 2013)
- Inspections will continue on the RAJ-II packages with a potential for incorrect orientation of the outer container absorber material as they are returned and repaired as necessary prior to re-use. (Scheduled completion: September 13, 2013)

5. Staff comments:

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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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