

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9309

Package Model No.: RAJ-II

Report Submitted By: Charles M. Vaughan, Global Nuclear Fuel - Americas, LLC (GNF-A)

Report Date: January 20, 2006

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 November 30, 2005, and January 20, 2006, two GNF-A customers (consignors) notified GNF-A (the consignee) that while unloading RAJ-II packages shipped to their respective reactor sites, each found a single loose bolt on the surface of the hold-down bar which had not been installed and tightened as specified in the Package Operations of the RAJ-II Safety Analysis Report (SAR). Condition 6(a) of Certificate of Compliance (CoC) No. 9309 for the Model No. RAJ-II package requires the package to be prepared for shipment in accordance to Chapter 7, "Package Operations." Chapter 7, Section 7.1.2.3, item 11, states "Put on hold-down clamps and tighten bolts."

4. Corrective actions taken by the licensee: Upon notification of both events, the licensee suspended all fuel assembly packaging operations. Other loaded packages were re-opened and inspected to verify if there were any other similar instances on pending shipments, but no similar situation was found.

The licensee developed a new checklist for use during package loading activities that contains an independent check of the placement of all hold-down bar bolts. The licensee conducted meetings with all employees involved in package loading operations to make them aware of the event and to emphasize the importance of the written procedures.

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5. Staff comments: The licensee states that both shipments were loaded during the same time period, and before the suspension of all loading activities. The non-compliance can be attributed to the same root cause, and corrective actions will address both instances of non-compliance.

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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