

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: February 24, 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 December 29, 2005, a GNF-A customer (consignors) notified GNF-A (the consignee) that while unloading a RAJ-II package, they found one of the two outer container tamper-safe seals inside the outer container and, thus, had not been installed and the installation of the other tamper-proof seal allowed the outer container lid to be lifted without damaging the tamper-safe seal. However, backup tamper-safe seals had been installed in the inner container. These seals were installed properly and were found intact.

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 12, states "Install tamper-indicating devices on the outer container ends." The missed seal installation was a result of GNF-A personnel not following an internal procedure when preparing the shipment.

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4. Corrective actions taken by the licensee: Upon notification of the event, the licensee suspended all fuel assembly packaging operations. Other loaded packages' tamper-safe seals were inspected to verify if there were any similar instances on pending shipments, but no similar situation was found.

The licensee updated the checklist used during package loading activities, requiring verification of the installation of both tamper-safe seals in the outer container, as well as the correct installation of each. A new checklist was developed for use in the shipping department as an independent check of the proper installation of the outer container's tamper-safe seals. Loading operations resumed with the use of these new checklists.

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.

5. Staff comments: None

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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