

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9196
Package Model No.: UX-30
Report Submitted By: Scott P. Murray, Global Nuclear Fuel
Report Date: November 11, 2011

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 September 12, 2011, Global Nuclear Fuel (GNF) was notified by a registered package user that a shipment arrived at their facility where plugs were not installed in the upper overpack lift lugs of two UX-30 packages. The requirement for plugs installed in the upper overpack lift lugs is part of the operating procedures and adhering to these procedures is a condition of the Certificate of Compliance (CoC) No. 9196 for the Model No. UX-30 transportation package. These plugs are installed to preclude potential use of the lift lugs as lift points for the loaded package during transit. This shipment contained empty cylinders and the total quantity of hazardous material was 6.35 kg of low enriched uranium hexafluoride "heel" material.

The safety significance of this deficiency is considered low as the lift lugs were not used or needed during the transit. The integrity of the package was not compromised and all other requirements of the CoC were met. There was no exposure of individuals to radiation or to radioactive materials as a result of this event.

4. Corrective actions taken by the licensee:

- The missing plug deficiency has been reviewed with affected personnel along with the importance of verifying package operations, completed on September 28, 2011.
- The internal UX-30 shipping preparation procedure will be revised to add clarity and include a peer check requirement to verify that the lifting lug plugs are installed prior to shipment. This is scheduled for completion on December 15, 2011.

5. Staff comments:

None.

6. Staff conclusion:

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- 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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SFST 71.95 Report File

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