

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9297
Package Model No.: TRAVELLER
Report Submitted By: Matthew R. Presson, Westinghouse Electric Company, LLC
Report Date: May 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 March 5, 2013, Model No. TRAVELLER packages making fuel shipments were shipped from Westinghouse Sweden to KKE Emsland in Germany using a foreign validation of the certificate of compliance (CoC). On March 7, 2013, package Nos. TX257 and TX259 were found to have had improperly attached shear bars. These shear bars function to mate with a removable top plate to provide secure enclosure around the fuel assembly in the package. For those two packages, two of the screws were not entirely engaged.

This is a violation of CoC Condition No. 5.(a)(3), "Drawings," which requires that the packages be assembled according to the licensing drawings provided in the safety analysis report. The licensing drawing requires that all shear bar screws be properly engaged.

Westinghouse performed a technical assessment and determined that the shear strength reduction did not compromise the system's structural integrity and that the shipped configuration was not an unsafe condition.

There was no loss or dispersal of radioactive material as a result of this event.

4. Corrective actions taken by the licensee:

- The incident was captured in the Westinghouse corrective action program as Issue #13-066-N002 and the Swedish and German authorities were notified.
- An evaluation of the structural integrity was performed and written which determined that the system's structural integrity was not compromised as a result of this event.
- As part of their corrective action program, Westinghouse is implementing a more thorough control over the screw engagement.

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5. Staff comments:

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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ADAMS Accession No.: ML13200A158

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