

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9297
Package Model No.: TRAVELLER
Report Submitted By: Peter J. Vescovi, Westinghouse Electric Company, LLC
Report Date: February 24, 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 or about December 8, 2010, NPP operators noticed, during fuel unloading operations from the TRAVELLER package, that a section of the hinge had not been properly secured, i.e., the hinge was not attached to the upper outer-pack. Westinghouse Electric Company, LLC (Westinghouse) submitted an Event Report referenced "LTR-LCPT-11-3" dated February 8, 2011. Staff reviewed this report and determined that the safety significance of the event was low.

It appears that the actual configuration of the TRAVELLER package that was transported was a TRAVELLER STD (ref. Section 3 of the Event Report letter). This particular package weighs approximately 80% of the maximum licensed TRAVELLER XL configuration. This translates into a greater than accepted design safety factor for the outer-pack closure bolts under the Hypothetical Accident Conditions (HAC) Slap Down orientation drop test (maximum damaging orientation to closure bolts).

Staff also noted that, if the outer-pack closure bolts were missing for the 1900 lb TRAVELLER XL configuration, there might have been a failure due to the HAC Slap Down orientation. However, since the certificate holder has no record of this deficiency occurring before (ref. Section 4 of the Event Report letter), the extent of the unlicensed condition is only pertinent to the TRAVELLER STD configuration.

Staff also concluded that the package thermal protection and normal transport conditions were not compromised by the missing outer-pack closure bolts.

Since the certificate holder has appropriate package operation procedures (ref. Section 1 of the letter), and took appropriate corrective actions against the operators and QC inspectors who failed to follow the approved procedures (ref. Section 4 of this letter), the probability of future occurrence is very low.

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4. Corrective actions taken by the licensee:

- Westinghouse revised procedures and checklists.
- Westinghouse disciplined operators and the QC inspector involved in this event to reinforce the importance of procedural compliance.
- Westinghouse shared "lessons learned" with personnel involved in package preparation for shipment.

5. Staff comments:

Staff concludes that Westinghouse has fully satisfied 10 CFR 71.95 and no further enforcement or additional oversight is warranted. Staff is completing the review of Westinghouse's amendment request for Certificate of Compliance No. 9297 and is planning to issue a revised Certificate in April 2011.

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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