

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9319

Page 1 of 2

Package Model No.: MAP-12/MAP-13

Report Submitted By: S.E. Miller, AREVA NP, Inc.

Report Date: March 26, 2009 (resubmitted July 10, 2009)

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:

Installation of shorter ball lock pins on the package closure rail may not allow the pins to fully engage when installed on the rails resulting in its potential dislodgment during package transportation.

A single shipment of four MAP-12 packages, each containing two fuel assemblies, arrived at the Braidwood site on January 15, 2009, with two ball lock pins missing on the package MP-043.

AREVA had previously replaced all of the shorter ball lock pins on packages MP-001 through MP-020 prior to the first use of the package and also chose the longer ball lock pin for all closure locations on the exterior of the packages starting with the fabrication of package MP-021. However, AREVA failed to conduct an inspection of the vendor's inventory to confirm that all shorter length ball lock pins had been discarded. It is thought that two of such pins were used on package MP-043.

There was no component or system failure.

4. Corrective actions taken by the licensee:

AREVA suspended all shipments using the MAP-12/MAP-13 packages and conducted inspections to determine if packages had the shorter ball lock pins in their inventory.

Inspections were documented and confirmed the lack of shorter ball lock pins in the inventory.

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5. Staff Comments:

There was no inoperable component or system at the beginning of the event and there was no component or system failure during the event. No system or other secondary function was affected by the two missing ball lock pins on the package rail location.

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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