

# 10 CFR 71.95 REPORT EVALUATION FORM

**Docket No.:** 71-9319  
**Package Model No.:** MAP-12  
**Report Submitted By:** R.E. Link, AREVA NP Inc.  
**Report Date:** February 10, 2012

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 14, 2011, during visual inspections of MAP-12 packaging MP-008 at AREVA NP Inc.'s (AREVA NP) Richland, Washington, site, it was discovered that one continuous 3/16" fillet weld did not extend the full length of the joint. Instead, the weld had started 1/8" from the end of the joint. Per Drawing No. 90454402, the 3/16" fillet weld should have extended the full length of the joint. The drawings are part of the Certificate of Compliance (CoC) and so non-compliance with the drawing is considered a non-compliance with the CoC.

This condition has existed since the fabrication of the package in 2008 and the package has been shipped fourteen times between its fabrication and August 2010. The welded item is classified as a Safety Category C item and so it has minor safety significance. Additionally, a majority of the length of the joint was welded and so the strength of the weld was not significantly impacted. Therefore, the safety significance of this issue is low. AREVA NP believes this is an isolated event resulting from human error where the fabricator's welder believed the weld met the drawing's requirements. Additionally, the fabricator and AREVA NP inspection personnel failed to identify the short weld as non-compliant.

## 4. Corrective actions taken by the licensee:

- The short 3/16" weld on MP-008 will be completed to the full length of the joint and the other MAP-12 packages will be inspected to verify that the condition does not exist on any other packaging.

## 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.

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\_\_\_ There is a need to take additional action. Provide a summary of the bases and recommended actions:

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