

# 10 CFR 71.95 REPORT EVALUATION FORM

**Docket Nos:** 71-9372, 71-9309

**Package Model Nos.:** TN-B1, RAJ-II

**Report Submitted By:** T.J. Tate, AREVA Inc.

**Report Dates:** January 4, 2017

**Report ADAMS Accession Nos.:** ML17009A043

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 November 16, 2016, AREVA Inc. (AREVA, or the licensee) noticed rust on some of the bushings on the Model No. RAJ-II transport package. Upon further investigation, AREVA determined that 38 of the first 100 packages fabricated for AREVA had 113 bushings that were composed of carbon steel as opposed to the required 304 stainless steel. The licensing drawings specify that the bushings should be made with stainless steel. The licensing drawings are specified in paragraph 5.(a)(3), "Drawings," of the certificate of compliance and so the package was out of compliance with the certificate.

Since 2004, AREVA has been shipping these packages with bushings comprised of carbon steel as opposed to stainless steel. AREVA believes that when first fabricated, a 12 foot long bar of carbon steel was inadvertently used in place of a bar of 304 stainless steel which corresponds to the amount of material needed for the 38 packages. The bushings act as a spacer in a vibration damping device and so the use of carbon steel in place of 304 stainless steel is not safety significant.

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**4. Corrective actions taken by the licensee:**

The non-conforming bushings have been replaced with conforming 304 stainless steel bushings.

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

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**ADAMS No.: ML17123A346**

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