

# 10 CFR 71.95 REPORT EVALUATION FORM

**Docket No.:** 71-9309  
**Package Model No.:** RAJ-II  
**Report Submitted By:** T.J. Tate, AREVA Inc.  
**Report Date:** March 1, 2016  
**Report ADAMS Accession No.:** ML16063A012

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

The Model No. TN-B1 package is a rebranding of the Model No. RAJ-II package (71-9309) and both have identical licensing drawings. On December 3, 2013, one Model No. RAJ-II package and two Model No. TN-B1 packages arrived at an AREVA customer facility with a loose and fully disengaged bolt on one end of one of the four inner container restraining clamps. The Model No. RAJ-II package (which is now a Model No. TN-B1 package) was received on December 3, 2013. The Model No. TN-B1 packages were received on January 5 and 8, 2016. In all three shipments, although one bolt was disengaged, the bolt on the other end of the restraining clamp was fully engaged. The licensing drawings shared in common by both the Model No. TN-B1 and the Model No. RAJ-II require that the four inner container restraining clamps are screwed in place with all eight bolts. Additionally, the operating procedures found in chapter 7 of the safety analysis report requires that the bolts are tightened. Therefore, Condition No. 5(a)(3), "Drawings," and Condition No. 6(a) of both certificates of compliance were not met.

The three packages had the inner container restraining clamps hand tightened with a wrench. To prevent further occurrences of the bolts disengaging, the loading procedure for the Model No. TN-B1 has been revised to require that the bolts are torqued to  $20 \pm 5$  ft-lbs.

There were no safety consequences as a result of this event and the inner container was fully restrained inside the outer container.

## 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.

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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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