

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9248

Package Model Nos.: SP-1, SP-2, SP-3

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

Report Dates: November 29 and December 16, 2016

Report ADAMS Accession Nos.: ML16336A641 and ML16355A189

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 October 17, 2016, TN Americas LLC (the CoC holder) informed AREVA Inc. (the licensee) that their packages were not fabricated in accordance with the licensing drawings with respect to the closed cell polyethylene (CCP) in the package. The licensing drawings specify that the CCP can be arranged in continuous or discontinuous strips. The continuous strips have holes that match the holes in the metal. The discontinuous strips can be perforated with a maximum of 7 inches and 12 strips. When fabricated, AREVA believed that the 7 inch maximum wide direction referred to the axial direction of the package when it was supposed to be the transverse direction. 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 July 21, 1998, AREVA Inc. had been shipping these packages with the CCP foam in excess of 7 inches in the axial direction to Taiwan. The licensee performed a safety assessment and determined that the safety consequences are minimal. The licensee assessed that there was less CCP in the package than authorized which results in a lower k-effective. Additionally, there would have been adequate drainage to prevent any preferential flooding in the fuel bundles.

The CoC holder requested amendment of the licensing drawings in a letter dated November 16, 2016 (ML16326A029). After discussion with NRC staff (ML16347A455), the CoC holder withdrew their request (ML16351A201) and stated that the licensee would correct the arrangement of the CCP. Therefore, staff did not perform their safety evaluation on the licensee's statements described in the report or in the amendment request.

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9196

Package Model No.: MAP-12

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

Report Date: October 5, 2016

Report ADAMS Accession No.: ML16281A351

4. Corrective actions taken by the licensee:

Future shipments of the packages will have the correct foam configuration and will meet the licensing drawings.

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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R. Powells, RI E. Michel, RII M. Kunowski, RIII L. Brookhart, RIV D. Marcano

R. Boyle and M. Conroy, Department of Transportation

R. Sun and A. McIntosh, MSTR NMED Project Manager

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OFC	DSFM	DSFM	DSFM	DSFM	DSFM
NAME	HAKhavannik	SFiguroa	JMcKirgan		
DATE	03/31/17	04/03/17	4/7/17		

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