

# 10 CFR 71.95 REPORT EVALUATION FORM

**Docket No.:** 71-9297  
**Package Model No.:** TRAVELLER  
**Report Submitted By:** Peter J. Vescovi, Westinghouse Electric Company, LLC  
**Report Date:** June 10, 2010 [ML101610445]

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 or about April 15, 2010, Westinghouse Electric Company, LLC (Westinghouse) staff identified that during the period between June 22, 2009, and September 17, 2009, 206 CE16NGF fuel assemblies were shipped in the Model No. Traveller package; each of these shipments failed to comply with the conditions of the approval for the package. The fuel parameters for the CE16NGF fuel design were not included as authorized contents in Certificate of Compliance No. 9297, and this fuel design had not been analyzed for criticality safety in the package. The shipments included 89 fuel assemblies to Arkansas Nuclear Unit 2, and 117 fuel assemblies to Waterford Unit 3.

Westinghouse noted that the Traveller package had replaced the Combustion Engineering ABB 927 package which was removed from service on October 1, 2008, and that the CE16NGF fuel design was approved for transport in the ABB 927 package.

## 4. Corrective actions taken by the licensee:

- Westinghouse initiated a licensing action request to add the CE16NGF fuel type as an authorized content for the Traveller package on April 30, 2010.
- Westinghouse indicated that they will perform a causal analysis to determine if there are additional actions required to reduce the probability of similar events in the future.

## 5. Staff comments:

SFST staff completed the review of Westinghouse's revision request for Certificate of Compliance No. 9297. Staff reviewed the addition of the CE16NGF fuel design and found that the fuel type was acceptable as an authorized content in the Traveller package. The CE16NGF fuel criticality analysis was bounded by the 17x17OFA fuel type. The revised Certificate was issued on June 29, 2010.

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**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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SFST 71.95 Report File

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