

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9196
Package Model No.: UX-30
Report Submitted By: Wes Stilwell, Westinghouse
Report Date: July 20, 2011

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 May 20, 2011, Westinghouse received and unloaded a shipment of UF₆ from CNEIC (China) and noted that 3 cylinders were missing the required "U" or "R" stamp which indicates fabrication in compliance with ASME Code for pressure vessels and is required to be marked on the cylinder per ANSI N14.1

Compliance with ANSI N14.1 is a specific condition of the Certificate of Compliance (CoC) No. 9196 for the Model No. UX-30 transportation package.

Following discovery of the issue, Westinghouse immediately physically and electronically tagged those three cylinders to prevent them from being moved and unloaded.

4. Corrective actions taken by the licensee:

- Cylinders without a "U" stamp were tagged and put on hold until a viable option for processing or removal is determined.
- Westinghouse notified the supplier, transporter and owner of the cylinders.
- Westinghouse evaluated actions to ensure methods are implemented to ensure cylinders' compliance per ANSI N14.1.

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5. Staff comments:

Condition No. 6 of the Model No. UX-30 CoC, USA/9196/B(U)F-96, requires cylinders to be fabricated, inspected, tested, and maintained in accordance with ANSI N14.1-2001, "Uranium Hexafluoride Packaging for Transport," or an earlier version of ANSI N14.1 in effect at the time of fabrication and ISO 7195:1993(F). Cylinders must be fabricated in accordance with Section VIII, Division 1, of the ASME Boiler and Pressure Vessel (B&PV) Code and be ASME Code stamped.

Failure to have the "U" stamp is a concern but there was no evidence of exposure to radiation while the cylinder was in use.

As of December 27, 2011, the cylinders were still "put on hold" and no disposition plan had been selected.

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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