

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9196
Package Model No.: UX-30
Report Submitted By: Steven R. Penrod, USEC
Report Date: April 9, 2009 [ML091070341]

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 March 11, 2009, United States Enrichment Corporation (USEC), identified that a customer owned model 30B cylinder, National Board Number 203, did not include the month and year of manufacture on the cylinder nameplate, as required by ANSI N14.1-1987. The cylinder had been filled with UF6 and shipped to USEC in the Model No. UX-30 overpack under Certificate of Compliance (CoC) No. USA/9196/AF-96. Compliance with ANSI N14.1 is a condition of the CoC. USEC identified twenty cylinders from the same owner, and manufactured by the same company, which were non-compliant with the ANSI N14.1 requirements. Shipping records at USEC confirmed that the twenty cylinders had been shipped in the Model No. UX-30 overpack "a number of times."

4. Corrective actions taken by the licensee:

- USEC obtained a copy of the Form U-1A, "Manufacturer's Data Report for Pressure Vessels," for the cylinders to confirm the cylinders conform to the ANSI N14.1 requirements.
- Using the information from the U-1A Forms, USEC will ensure the appropriate information is applied to the cylinder nameplates prior to shipment.

5. Staff comments:

The U-1A Forms confirm that the cylinders meet the design criteria. The missing date is an administrative error which does not impact the cylinder's safety function.

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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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