

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9196
Package Model No.: UX-30
Report Submitted By: Jay Laughlin, Louisiana Energy Services, LLC
Report Date: June 2, 2016
Report ADAMS Accession No.: ML16162A062

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 April 9, a URENCO USA operator discovered that a Teflon disk (cap gasket) valve cap was not installed on one of the cylinders as required by American National Standards Institute N14-1 Section 6.10. The operator verified the cylinder valve was closed and noted no leakage of material. The licensee stated that the cylinder arrived at URENCO USA on January 29, 2016 as part of a shipment of six 30B containers with each container having a heel of uranium hexafluoride (UF₆) enriched to 20% or less. The cylinders were transported in UX-30 over-packs approved per Certificate of Compliance No. 9196, Rev. 32. During receipt inspections of the UX-30 over-packs, URENCO USA personnel noted that tamper indicating devices applied to the over-pack showed no indications of tampering with either the over-pack or the cylinder, and surveys revealed no external contamination on the over-pack. Since URENCO USA did not cause the non-conformance, they assumed that the cause of the missing Teflon disk is human error during the shipper's packaging process.

4. Corrective actions taken by the licensee:

URENCO USA notified the shipper of the missing cap. The shipper is performing a causal analysis and determining the extent of condition.

5. Staff comments:

Since the valve was closed when the operator discovered that the Teflon cap was missing, and because no contamination was identified, staff has reasonable assurance that no radioactive material was released from the cylinder.

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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
 R Powell, RI S Walker, RII M Kunowski, RIII J Whitten, RIV
 R. Boyle and M. Conroy, Department of Transportation
 R. Sun and A. McIntosh, Project Manager

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