

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9215
Package Model No.: NPI-20WC-6 MkII
Report Submitted By: J. L. Fogle, Neutron Products, Inc.
Report Date: June 21, 2013
Report ADAMS Accession No.: ML13189A038

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:

During an April 22, 2013, preparation for a shipment of a cobalt-60 source using a square drawer drum, Item 2 drum assembly on drawing 240122, Rev. H., page 2 of 2, referenced in the certificate of compliance - USA/9215/B(U), the drum end covers were installed on the transfer cask and a gap was identified between one end cover and the end cover face. Since the end cover would not fully compress against the gasket and end cover face, the drum was removed from service and was shipped to Neutron Products, Inc., for inspection. The end face had some irregularities and did not appear to be square. The component was tagged as non-conforming and an evaluation of the non-conformance was initiated.

4. Corrective actions taken by the licensee:

Nonconformance 2013-002 has been initiated. The drum assembly will be evaluated by a qualified engineer and results of that evaluation will determine possible corrective actions. In the meantime, other drum configurations have been inspected and found to be within specifications.

5. Staff comments:

Staff reviewed the report and determined this incident is neither safety significant nor indicative of a trend.

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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M. Ferdas, RI S.Vias, RII R.Orlikowski, RIII B. Spitzberg, RIV D. Marcano

E. Benner J. Pearson

R. Boyle and M. Conroy, Department of Transportation

R. Sun, FSME NMED Project Manager

A. McIntosh, FSME NMED Project Manager

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