

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9218
Package Model No.: TRUPACT-II
Report Submitted By: T.E. Sellmer, Nuclear Waste Partnership LLC
Report Date: November 11, 2013
Report ADAMS Accession No.: ML13337A319

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 September 18, 2013, it was discovered that Model No. TRUPACT-II packages, serial numbers 125, 132, 159, and 191, shipped from Idaho National Laboratory and Los Alamos National Laboratory, using Certificate of Compliance (CoC) No. 9218 had not had their main inner containment vessel o-ring replaced within the 12-month period prior to shipment. Condition No. 11.(b) of the CoC requires that the package must be tested and maintained per the procedures specified in Chapter 8 of the safety analysis report. Section 8.2.4.3 of the safety analysis report requires replacing the o-ring within the 12-month period prior to shipment.

Pre-shipment helium leak tests were completed and those packages met the acceptable criteria for those tests.

There was no loss or dispersal of radioactive material as a result of this event.

4. Corrective actions taken by the licensee:

- The main inner containment vessel o-rings for Units 125, 132, 159, and 191 were replaced.
- An extent of condition review confirmed that the same condition does not exist for any other units in the remaining fleet of their Type B packages.

5. Staff comments:

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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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