

# 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:** October 8, 2013  
**Report ADAMS Accession No.:** ML13305A972

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 January 30, 2013, a Model No. TRUPACT-II package, serial number 155, was shipped from Los Alamos National Laboratory, using Certificate of Compliance (CoC) No. 9218. This package contained seven drums overpacked into two standard waste boxes. On August 22, 2013, it was found that the seven drums were assigned incorrect CH-TRUCON codes that did not correctly bound the actual packaging configurations. Condition No. 7 of the CoC requires package shipment be made in accordance with CH-TRAMPAC, which refers to a CH-TRUCON document. The codes incorrectly identified the drums as having tape drum liner bags when in reality they had tape inner bags. Tape inner bags have a higher resistance factor than drum liner bags and so the incorrect code was not bounding. This error was a result of personnel assigning incorrect codes.

An evaluation with regard to payload parameters using the approved CH-TRAMPAC methodology showed that the containers were shipped in compliance with the applicable gas generation rate limits and met all other payload limits for transport.

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

## 4. Corrective actions taken by the licensee:

- Peer review will be performed on all intersite shipment containers to ensure the assignment of the correct CH-TRUCON codes.
- Additional training will be given to personnel responsible for assigning TRUCON codes to all payloads.

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**5. Staff comments:**

**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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