

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9218

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Package Model No.: TRUPACT-II

Report Submitted By: P.C. Gregory

Report Date: March 17, 2005

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 12, 2005, shipment No. RF050017 was made from Rocky Flats Environmental Technology Site (RFETS) to Waste Isolation Pilot Plant (WIPP) with the TRUPACT-II 159 containing Standard Waste Box (SWB) S04573 which had been mislabeled as SWB S04753. The original label on the SWB had been damaged and a replacement label had been prepared and applied on the SWB. It was during the preparation of the label which the incorrect number, S04753, had been printed on the label. The actual SWB S04753 unit was still located at RFETS in Building 440 and had not been moved. The mislabeled SWB was entered in the Payload Container Transportation Certification Document and the Payload Assembly Transportation Certification Document. Therefore, the shipment was non-compliant with the requirements of Certificate of Compliance 9218.

The mislabeled SWB was received on January 12, 2005, at WIPP and placed in the underground on January 13, 2005. On January 18, 2005, RFETS personnel discovered that SWB S04753 was still located at RFETS in Building 440.

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4. Corrective actions taken by the licensee:

RFETS immediately suspended operations pending investigation and corrective action. Their corrective actions include the following:

- The shipper compiled copies of the characterization information and shipping records for SWB S04573 and transmitted the information to WIPP.
- The shipper notified WIPP Waste Information System personnel that the errant information transmitted for SWB S04753 should be replaced with the correct information applicable to SWB S04573.
- RFETS included a check in the Facility Senior Supervisory Watch to verify that all barcodes match the Payload Assembly Transportation Certification Document until Operations Order OO-440-052 is revised.
- The shipper formalized a process for changing labels on waste containers and evaluated the process for printing WIPP barcode labels.
- The shipper revised the Solid Radioactive Waste Inspection procedure to include verification of all barcodes as a checklist item.
- The shipper revised the Waste Certification Shipment File, the Waste Operations Shipment File, and the Traffic Shipment File in the Waste Records Center by removing the information for SWB S04753 and inserting the correct information.

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5. Staff comments:

There were no safety consequences as a result of the event.

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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