

# 10 CFR 71.95 REPORT EVALUATION FORM

**Docket No.:** 71-9036

**Package Model No.:** C-1

**Report Submitted By:** Kelley Richardt, Source Production & Equipment Co., Inc. (SPEC)

**Report Date:** May 4, 2006

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 26, 2006, the Certificate of Compliance holder for the Model No. C-1 transport package, Source Production & Equipment Co., Inc. (SPEC), discovered that an employee neglected to secure the front doors of the transportation package prior to shipment as required by SPEC's Quality Assurance (QA) program. The Operating Procedures, in Chapter 7.0 of the approved application, require that a padlock secure the doors for maintenance of security.

Sealed source assemblies for the Model No. C-1 are retained in the depleted uranium shield by spring loaded lock plungers that are required to be engaged before the front door can be fully closed. The design of the door brackets prevents partial opening of the front door regardless of the size and design of any padlock or similar fastener devices used during shipping. The front door provides a redundant mechanism to maintain the lock plungers in the secure position. In addition, the Model No. C-1 source changer must be shipped inside an overpack/drum. During fabrication, high density foam is poured into the drum forming a snug fitting cavity for the source changer. A drum lid and closure ring hold the C-1 source inside the cavity during shipment.

SPEC notes that the padlock is a security measure and not a locking mechanism for the transport package.

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**4. Corrective actions taken by the licensee:**

SPEC retrained all personnel in SPEC's requirements that all QA procedures, Work Instructions, drawings, travelers and forms are mandatory. A record of the incident will be maintained on file at SPEC.

**5. Staff comments:**

The licensee took adequate corrective action by retraining its personnel for QA procedures.

**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.
- 9 There is a need to take additional action. Provide a summary of the bases and recommended actions:

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**ML061580033**

<b>OFC</b>	SFPO	C	SFPO	C	SFPO				
<b>NAME</b>	JCaverly		MDeBose		RNelson				
<b>DATE</b>	06/05/06		06/06 /06		06/06/06				