

# 10 CFR 71.95 REPORT EVALUATION FORM

**Docket No.:** 71-9341  
**Package Model No.:** BEA Research Reactor (BRR)  
**Report Submitted By:** Thomas Newton, Jr., MIT Nuclear Reactor Laboratory  
**Report Date:** January 25, 2012

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:

Due to an error on the fabrication drawing for the Model No. BEA Research Reactor (BRR) package, the lower drain seals supplied with the package were not correct. The licensee acquired seals from a different manufacturer than specified on the drawings.

The seals used in the shipment, while from a different manufacturer, are essentially identical to the seals that were specified on the drawings referenced in the certificate of compliance.

## 4. Corrective actions taken by the licensee:

- The fabrication drawing was revised to specify the correct size and manufacturer of the seals. The correct seals have been ordered, will be used in future shipments from MIT and will comply with the drain seal specifications shown in the drawings on the certificate of compliance.

**5. Staff comments:**

Staff agrees that the seals used in the shipment are essentially identical to those on the drawings and that the safety significance of this event is low.

**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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