

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9248

Package Model No.: SP-1/SP-2/SP-3

Report Submitted By: Richard Montgomery AREVA NP Inc.

Report Date: June 25, 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:

During loading of the SP-3 transport package on April 18, 2006, a 5-inch bolt was identified as not being in compliance with the Certificate of Compliance. Drawings for this model require that 5-inch bolts be either SAE Grade 8 or ASTM A354 Grade BD. The markings on the head of a correct bolt is identified by six slashes. The bolt head for the bolt identified in this report was marked with three slashes. Upon discovery of the incorrect bolt, all SP shipments were suspended until a review could be completed and the correct bolts were identified. An inventory of spare parts found that the manufacturer had incorrectly included Grade 5 bolts in its shipment container. The bolt vender incorrectly released the Grade 5 bolts because of a new black oxide finish which is similar in appearance to the finish of a Grade 8 bolt.

4. Corrective actions taken by the licensee:

All 5-inch bolts in the spare seal bolt containers were checked and all Grade 5 bolts were removed. Additional spare parts inspections were conducted. Other incorrectly bundled bolts were identified and removed.

To prevent a reoccurrence of this type of event, the acceptance inspection was modified to visually verify the correct head stamp on all inner container bolts. Training sessions were conducted with personnel to emphasize the acceptance requirement to visually verify six slashes on the bolt head. In addition, visual inspection of the bolt markings must be made for all SP containers as they are inspected and refurbished for use.

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5. Staff comments:

None.

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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