

10 CFR 71.95 REPORT EVALUATION FORM

Docket No.: 71-9290, 71-9299, and 71-9310
Package Model No.: F-420, F-423, and F-431
Report Submitted By: Jim McNamara, Director, Operations, Best Theratronics Ltd.
Report Date: November 23, 2009

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 a Quality Assurance inspection conducted by the NRC on August 10, 2009, NRC personnel identified welds out of required specifications for some Best Theratronics radioactive material packages. Best Theratronics placed the packages out of use and began repairing the deficient welds. During a telephone conversation on October 26, 2009, Best Theratronics (McNamara) stated to date all deficient welds in 22 of 24 packages have been inspected and verified to be in compliance with required specifications.

4. Corrective actions taken by the licensee:

22 of 24 deficient packages have been repaired and inspected to be in compliance with required specifications. The remaining two packages are out of the country, but will be repaired and inspected to required specifications by May 31, 2010.

To prevent reoccurrence, Best Theratronics, with input from the Canadian Welding Bureau, implemented a new welding specification, which requires periodic training and requalification of welders and inspectors, every two years.

5. Staff comments:

No comments.

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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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