



71-9148

AEA Technology
QSA Inc.
40 North Avenue
Burlington, MA 01803
Telephone (781) 272-2000
Telephone (800) 815-1383
Facsimile (781) 273-2216

13 September 2002

Ms. Julia Barto, Project Manager
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
US Nuclear Regulatory Commission
11555 Rockville Pike
One White Flint
Rockville, MD 20852

RE: Certificate of Compliance, USA\9148\B(U)

Dear Ms. Barto:

The following is submitted in response to your letter dated 26 May 02:

- 1.1 This item will be addressed under separate cover within the next 30 days.
- 2.1 This item will be addressed under separate cover within the next 30 days.
- 2.2 The SAR, Section 2.7.6 has been revised to reflect the correct reference in IAEA for the immersion test.
- 2.3 TP Report 114 has been revised to correct this issue.
- 2.4 TP Report 114 has been revised to correct this issue.
- 5.1 Section 5.4 of the SAR has been revised to address this issue.
- 5.2 Section 5.4 of the SAR has been revised to address these issues.
- 5.3 Section 5.4 of the SAR describes the model used in the Microshield calculations for radionuclides other than Co-60. All assessments are based on the shielding capabilities of the depleted uranium shield alone and are therefore conservative. Since the depleted uranium shield was not damaged/deformed in the normal or hypothetical accident testing no adjustment was needed to assess dose increases after testing.
- 5.4 Section 5.4 of the SAR addresses this issue.

NMSS01

- 7.1 Chapter 7 has been revised to include the numbering you requested. See Revision 2 of the enclosed SAR.
- 7.2 Section 7.3 has been revised to include a physical verification that the package is empty prior to shipment as empty. See Revision 2 to the enclosed SAR.
- 8.1 The verification probe is a flexible, rod of polyethylene which is marked on one end to indicate a full insertion length. The probe is inserted in the source tube and if it can be fully inserted, it confirms that there are no cropped of sources or other obstructions in the source tube. This is used to verify the source tube is empty prior to shipment.

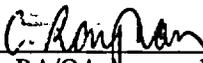
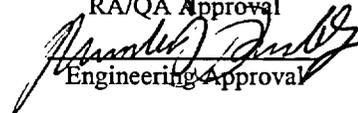
Enclosed is Revision 2 of the SAR which includes a revision to Test Plan Report 114. Additional information to address the remaining questions from your 26 May 02 letter will be submitted within 30 days. Please contact me if you need any additional information at (781) 272-2000, extension 241.

Sincerely,



Lori Podolak, CHP
Product Licensing Specialist
Regulatory/Health Physics Department

Enclosures: Revision 2 of 770 SAR
TP Report 114 (Revised)
List of Effected Pages

 RA/QA Approval	20 Sep 02 Date
 Engineering Approval	13 SEP 02 Date

