

QSA Global, Inc.

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01 October 2012

Mr. Michael Waters, Chief Licensing Branch Division of Spent Fuel Storage and Transportation Office of Nuclear Material Safety and Safeguards U.S. Nuclear Regulatory Commission 11555 Rockville Pike, Mailstop: EBB-3D-02M Rockville, MD 20852

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RE: USA/9148/B(U)-85 (Current Revision 8)

Dear Mr. Waters:

QSA Global, Inc. requests renewal of the certificate referenced above for the Model 770 Type B(U) container. The current certificate expires on 31 March 2013. The last regulatory action submitted for this container attempted to incorporate a modified version of the Model 770 (i.e. the Model 770B). This container modification was never approved for use under the USNRC Type B certificate and QSA Global has no plans to manufacture any additional Model 770 devices or to further pursue the Model 770B design modification.

During the attempt to approve the Model 770B design, multiple versions of the SAR were submitted that, though never approved under the current Type B certificate, referenced the Model 770B. The enclosed Revision 9 of the SAR removes all added references to the Model 770B and refocuses the SAR back onto the Model 770 design. It is further constrained to cover continued use, maintenance and transport of the single Model 770 package in use (serial number 012) and removes the option for any future manufacture of new Model 770 packages under the current certificate.

All substantive content of the test documentation, technical information, and evaluation portions of Revision 9 to the SAR remain unchanged from the current package approval. The enclosed SAR Revision 9 follows the format recommendations of NUREG-1886 "Joint Canada – United States Guide for Approval of Type B(U) and Fissile Material Transportation Packages" dated May 2009.

For clarification purposes, this submission is being made as an amendment in entirety replacing all previously submitted documentation in support of this approval. The submission is intended to allow for only manufacture of replacement parts for the existing package which may need maintenance and/or repair during its continued transportation lifetime. Enclosed with this letter is Revision 9 of the SAR, complete with all reference appendices including a copy of the currently approved descriptive drawing (R77090 Revision D).

NMSSOI

CDS Sent to Micheal Waters

At this time there are no further changes or modifications necessary to this Type B approval. Should you have any additional questions or wish to discuss this submission after receipt please feel free to contact me.

Sincerely,

Lori Podolak Senior Regulatory Affairs Specialist Regulatory Affairs Department Ph: (781) 505-8241 Fax: (781) 359-9191 Email: Lori.Podolak@gsa-global.com

5 OCT 2012 Date **RA/QA** Approval

W Mander Engineering Approval

<u>100712</u> Date

Enclosures: (1-Hard Copy Original, 1-Copy to letter cc and 6 CDs, each CD containing copies of the following Files):

- List of Affected Pages
- 770 SAR Revision 9
- cc: ATTN: Document Control Desk Spent Fuel Project Office Office of Nuclear Material Safety and Safeguards U.S. Nuclear Regulatory Commission 11555 Rockville Pike One White Flint Rockville, MD 20852

List of Affected Pages	
Revision 1,	Revision in entirety. This revision supercedes previously
21 December 2001	submitted SAR's for the 770.
Revision 2, 13	Revisions to Sections 2.7.6, 5.4, 7 and Appendix C for clarification
September 2002	and additional detail.
Revision 3, 7	Revisions to Sections 1.2.2, 2.4.2, and Table 2-1 for clarification
November 2002	and additional detail. Revision to descriptive assembly drawings in Appendix A.
Revision 4,	Reformatting of the SAR to cover compliance to IAEA TS-R-1
10 April 2006	and NRC guidance format. Revisions to descriptive drawings.
Revision 5, 30 August 2006	Changes incorporating addition of Model 770B, increase of package maximum weight and option of using supplemental lead to compensate for shield porosity. Change detail is contained in "Revision Description for the Model 770 SAR from Revision 4 to Revision 5"
Revision 6, 31 October 2006	Changes incorporating modifications to address generic SAR details as specified in letter dated 31 Oct 06. Revisions to pages 1-1, 2-1, 2-6, 2-9, 2-11, 2-14, 7-1, 7-3 and 7-4.
Revision 7, 15	Changes incorporating modifications to address SAR details in
February 2007	response to NRC RAI letter faxed 22 Jan 07. Revisions to indices and pages 1-3, 2-7, 2-14, 5-1 through 5-8, 5-11 through 5-13, and Section 1.4 (Drawing R77090 Rev G)
Revision 8, 22 June	Revision to descriptive assembly drawings in Appendix A.
2007	Change to Section 1.2.1.6 (Page 1-4) to correct material thickness specification.
Revision 9, September 2012	Removal of references to the Model 770B, and leaving only references to the Model 770. Revision to remove the ability for future manufacture of this container. Only one Model 770
	package is in use and this package was manufactured to the -85 version of the regulations. Due to volume of changes associated with removal of 770B, no change identifiers are shown in the SAR. No significant changes to the documentation supporting the Model 770 package were implemented with this revision.