

71-9283



QSA Global, Inc.

40 North Avenue
Burlington, MA 01803
Telephone: (781) 272-2000
Toll Free: (800) 815-1383
Facsimile: (781) 273-2216

23 September 2008

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

RE: USA/9283/B(U)-96 (Current Revision 3)

Dear Director:

This letter requests amendment of USA/9283/B(U)-96 for the Model OPL-660 and OP-660 Type B packages. We performed a comparison of the approval documentation for these packages against the production documentation for these containers. This review identified some minor discrepancies in the referenced drawing which were evaluated and found to have no significant adverse affect on the safety or integrity of the package. These discrepancies have been corrected in the enclosed drawing revisions and their review and impact assessment are included in the enclosed comparison table. (Please note that we have also enclosed revision B to drawing R66060. This revision was never submitted for approval but contained a single modification in the addition of Note 1.5 on sheet 1 which specifies the welding criteria applicable to the inner container shell. This drawing is provided for clarification in review of changes to Revision C of drawing R66060 which is addressed under the enclosed comparison table.)

This amendment will make no change to the tested construction of these components and will comply with all assemblies manufactured since the original approval of this Type B certificate. This amendment is submitted for clarification purposes only and will only more accurately describe the construction of these components on Type B(U) containers currently in use under this certificate.

Since this is technically an alteration to the current drawings referenced under this certificate, we are submitting this amendment request to also serve as compliance with the reporting requirements of 10 CFR 71.95. Amendment to the referenced Type B(U) certificate will complete correction of the typographical discrepancies noted and accurately document historical fabrication of these container assemblies by users of the package. There is no resulting safety significance associated with these corrections.

Since this correction has no safety significance on the package operation or use by registered users of the CoC, no action has been taken or is recommended by QSA for routine users of this package related to this change. Control and inspection of this package is controlled under the production drawings for the OPL-660 and OP-660 packages under QSA Global's NRC QA Program 71-0040.

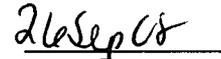
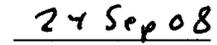
NMSO1

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 contact me.

Sincerely,



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


RA/QA Approval
Date
Engineering Approval
Date

Enclosure: R66060 Rev B and Rev C
R66050 Rev D
Drawing Change Review Table

cc: Mr. Eric Benner, Chief
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

Summary Table of Changes to Drawing R66050 Rev C to Rev D and Drawing R66060 Rev A to Rev C

Change Location	Summary Change	Change Reported Pursuant to 71.95	Impact of Change on Units Previously or Currently in Use under the Certificate	Action Taken By QSA Regarding Affected Units
R66050 Sheet 1	Updated the proper shipping name and UN number on the label shown on overpack based on change in regulations.	No	No change to package construction or design. Detail added for completeness and clarity only.	None. Not applicable.
R66050 Sheet 1	The material for the label and the hollow rivets used to attach the label to the package were added and referenced as stainless steel.	No	No change to package construction or design. Detail added for completeness and clarity only.	None. Not applicable.
R66050 Sheet 1	Added reference to the Model OP-660 in note 1.5 since the referenced package weight applies to both the OPL-660 and the OP-660 packages.	No	No change to package construction or design. Detail added for completeness and clarity only.	None. Not applicable.
R66050 Sheet 2	Added notes 2.2 and 2.3 to provide more complete information on the fabrication of the overpack inserts used in this package.	No	No change to package construction or design. Detail added for completeness and clarity only.	None. Not applicable.
R66060 Rev B Sheet 1 (Provided for Reference Continuity Between Revisions A and C)	Added weld criteria as Note 1.5 on the drawing.	No	No change to package construction or design. Test specimens and subsequent production units were manufactured to this specification. Detail added for completeness and clarity only.	None. Not applicable.
R66060 Rev C Sheet 1	The material for the plunger lock (brass) and bolt cover (stainless steel) added.	No	No change to package construction or design. Detail added for completeness and clarity only.	None. Not applicable.

Summary Table of Changes to Drawing R66050 Rev C to Rev D and Drawing R66060 Rev A to Rev C

Change Location	Summary Change	Change Reported Pursuant to 71.95	Impact of Change on Units Previously or Currently in Use under the Certificate	Action Taken By QSA Regarding Affected Units
R66060 Rev C Sheet 2	Revised welding reference under Section View F-F to reference MIL-SPEC W-6858 or applicable AWS standard.	Yes	Test specimens used to demonstrate compliance to the normal and hypothetical accident transport conditions, and subsequent production units, were manufactured compliant to the MIL-SPEC W-6858 criteria. Performance of the weld when manufactured to the applicable AWS standard will be equivalent to units fabricated to the previously referenced standard.	No action has been taken or is recommended by QSA for routine users of this package related to this correction.
R66060 Rev C Sheet 2	Added reference to the use of loctite on the lock assembly screws and the end plate screws. These fabrication requirements had not been described previously on this drawing.	No	No change to package construction or design. Detail added for completeness and clarity only. Test specimens used to demonstrate compliance to the normal and hypothetical accident transport conditions, and subsequent production units, were manufactured compliant to these criteria.	None. Not applicable.
R66060 Rev C Sheet 2	The material for the source stop (brass), lock slide (AISI 01 or AISI A2), lock cover (300 series stainless steel), selector ring (300 series stainless steel) and lock pins (drill rod) added.	No	No change to package construction or design. Detail added for completeness and clarity only.	None. Not applicable.

Figure Withheld Under 10 CFR 2.390

		DESCRIPTIVE DRAWING
40 NORTH AVE, BURLINGTON, MA 01803		
TITLE MODEL OPL-660 & OP-660 SHIPPING CONTAINER		
SIZE	DWG. NO.	REV
A	R 66050	D
SCALE	SHEET 1 OF 2	
NONE		

Figure Withheld Under 10 CFR 2.390

TITLE			
MODEL OPL-660 & OP-660 SHIPPING CONTAINER			
SIZE	DWG. NO.	R 66050	REV
A	SCALE NONE	SHEET 2 OF 2	D

Figure Withheld Under 10 CFR 2.390

 QSA GLOBAL		DESCRIPTIVE DRAWING	
40 NORTH AVE, BURLINGTON, MA 01803			
TITLE		MODEL 660 SERIES PROJECTOR	
SIZE	DWG. NO.	R 66060	REV
A	SCALE NONE	SHEET 1 OF 3	B

Figure Withheld Under 10 CFR 2.390

TITLE		MODEL 660 SERIES PROJECTOR	
SIZE	DWG. NO.	R 66060	REV
A	SCALE NONE	SHEET 2 OF 3	B

Figure Withheld Under 10 CFR 2.390

TITLE		MODEL 660 SERIES PROJECTOR	
SIZE	DWG. NO.	R 66060	REV
A	SCALE NONE	SHEET 3 OF 3	B

Figure Withheld Under 10 CFR 2.390

		DESCRIPTIVE DRAWING
40 NORTH AVE, BURLINGTON, MA 01803		
TITLE MODEL 660 SERIES PROJECTOR		
SIZE	DWG. NO.	REV
A	R 66060	C
SCALE	NONE	SHEET 1 OF 3

Figure Withheld Under 10 CFR 2.390

TITLE MODEL 660 SERIES PROJECTOR			
SIZE	DWG. NO.	R 66060	REV.
A	SCALE NONE	SHEET 2 OF 3	C

Figure Withheld Under 10 CFR 2.390

TITLE		MODEL 660 SERIES PROJECTOR	
SIZE	DWG. NO.	R 66060	REV
A	SCALE NONE	SHEET 3 OF 3	C