



QSA GLOBAL

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21 September 2010

Mr. Pierre Saverot
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

RE: USA/9035/B(U)-96
Docket No. 71-9035 (Model 680-OP Type B Package)
TAC Nos. L24423 & L24425

Dear Mr. Saverot:

QSA Global, Inc. provides the following clarifications in response to your email dated 16 September 2010:

Q: On Page 6 of 7: Which CW Condition is being used for the #10-32 screws? Which one has QSA been using?

A: CW as used on the drawing is defined exactly as specified for "CW" in ASTM F837, Table 1. It is not intended to include the "CW1" cold worked condition.

Q: A582 has no minimum properties, but A743 does. Has QSA always been using materials that meet A582 and/or A764? Standards without minimum properties may require some additional discussion/evaluation.

A: Parts to A582 are made from 303 stainless steel and 303 stainless in the wrought condition does not have an ASTM specification that give mechanical properties (this has been confirmed with ASTM). Only the forged condition has specifications that include mechanical properties.

The parts to A582 used on the 680 are in the wrought condition and meet the composition of the components tested for compliance. No additional specifications to a recognized standard can be provided for these components at this time. It should also be noted that in this situation, the mounting hardware will be the ultimate failure point when compared to the parts now referenced compliant to ASTM A582. And again these ASTM A582 parts were present on the test specimens used to demonstrate compliance of the transport package.

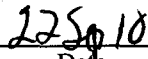
At this time there are no further changes or modifications necessary to this Type B approval. Should you have any additional questions or wish to discuss this submission after receipt please feel free to contact me.

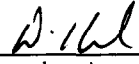
Sincerely,

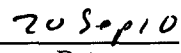


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RA/QA Approval


Date


Engineering Approval


Date